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ABSTRACT

This volume constitutes the final report of Phase I of the Analysis of Student Growth and Its Implications for Educational Policy, an investigation undertaken at the Educational Testing Service (ETS). The investigation was based on data from the Growth Study, a nationwide longitudinal study of academic growth. This first phase has been referred to as the Stability Study since its focus has been on describing the stability or instability of academic growth from Grade 5 to Grade 11 of a sample of U.S. public school students. The present descriptive findings are viewed as a critical first step in the building of a theoretical model of the structure of academic achievement and the way in which this structure changes from the elementary school years to the secondary school years. The findings are presented in the interest of such theory development and for the purposes of educational researchers and practitioners faced with the need for reliable data on the academic growth of a large sample of U.S. adolescents. (Author/CK)

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A Compilation of Longitudinal Data

Thomas L. Hilton, Principal Investigator
Albert E. Beaton, Co-Investigator
Cathleen Patrick Bower

Educational Testing Service

Princeton, New Jersey 08540

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U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

Office of Education
Bureau of Research

Foreword

There is perhaps no greater need in American educational psychology than the need for descriptive data on the academic growth of U. S. school children. It is needed by policy makers, curriculum planners, teachers, and researchers alike. How else can decisions be made on such questions as differential classroom treatments, remedial programs, special grouping, and vocational programs. Rational planning and decision-making in these areas require a knowledge of which student characteristics follow stable, predictable pathways and which are unstable. This volume was prepared to fill this need for descriptive data--to the extent that the available data allowed.

The volume constitutes the final report of Phase I of the Analysis of Student Growth and Its Implications for Educational Policy, an investigation undertaken at ETS, February 1, 1970 under a grant from the Bureau of Research of the U. S. Office of Education (OE Bureau of Research No. 0-0140, Grant No. OEG-2-700013(509)). The investigation was based on data from the Growth Study, a nationwide longitudinal study of academic growth underway at Educational Testing Service since 1961.[1]

This first phase has been referred to as the Stability Study since its focus has been on describing the stability or instability of academic growth from Grade 5 to Grade 11 of a sample of U. S. public school students. Although as of this writing there are no definite arrangements for continuing this program of research, the original plan for the next phase of the research called for a more intensive examination of the relationships between the measures at each grade level and of the relationships between measures from one grade level to the next grade level. One product of such an investigation would be a theoretical model of the structure of academic achievement and the way in which this structure changes from the elementary school years to the secondary school years. The authors look forward to conducting such an investigation. The present descriptive findings are viewed as a critical first step in the building of such a model. They are presented in the interest of such theory development and for the purposes of educational researchers and practitioneers faced with the need for reliable data on the academic growth of a large sample of U. S. adolescents.

The authors wish to thank Ingeborg Stiebritz and Barbara Pinchak for their assistance in processing the data, Romona Huff and Frances Livingston for assistance in preparing the manuscript, and Dr. Lawrence G. Goebel, U.S.O.E., for his patient service as monitor of the project.

Thomas L. Hilton
Principal Investigator

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[1]Anderson and Maier, 1963, describes the design of the study. Hilton and Myers (1967) presented some preliminary findings and Hilton and Patrick (1970) and Hilton and Berglund (1971) some more recent findings. An annotated bibliography of some 60 Growth Study publications may be obtained from T. L. Hilton, ETS.

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Chapter 1

The Problem

Underlying most questions of educational practice and planning lies the interpretation of differential student performance. When we ask, for example, whether a student should receive remedial instruction we first examine his achievement relative to other students at his grade level and make a decision on the basis of our interpretation of the observed difference. A critical aspect of this interpretation is a question, namely, "What can we say about the future performance of the student in question on the basis of his current performance?" In other words, how stable is the particular behavior? Are the individual differences so transient that a student's future performance is essentially unpredictable. If the behavior in question is so unstable that current performance tells us nothing about future performance then, obviously, the currently observed differences are of secondary interest. The stability of individual differences is, then, a crucial consideration. It is conceivable that in the past much attention has been needlessly paid to differences among students which have no constancy in time.

Studies of stability require consideration not only of What but also For Whom. A particular performance may be stable for students in one category--males, for example--but not for females. It is important, therefore, for studies of stability to examine the stability of behavior for major subgroups of the population--in our case, the student population.

In this volume the results of the first phase of a major study of stability are reported. The results reported are descriptive. No direct attempt is made to explain the antecedents or the consequences of the observed differences or to investigate the underlying dimensions of stability as one might do by means of factor analysis. The specific objectives of the study were as follows:

1. To identify a small set of defining characteristics (e.g., sex, socioeconomic status) on the basis of which the student population could be divided into subgroups whose measured achievement and other school-related attributes would differ significantly (both educationally and statistically).

2. To examine the stability over time of the achievement and other school-related attributes of each of the subgroups identified. Which attributes are stable and which are not?

As will be described in more detail shortly the study made use of a large file of student data obtained by the Study of Academic Growth and Prediction undertaken at Educational Testing Service in 1961, with the last data collection being completed in 1969. As part of this study a battery of achievement measures was administered to a nationwide sample of approximately 9,000 fifth graders in the fall of 1961. Two years later the same students were tested again as 7th graders and then again in the 9th and the 11th grades. At the 7, 9, and 11th grade levels a 177-item Background and Experience Questionnaire (BEQ) was completed by the students. The achievement test scores and certain scales derived from the BEQ provided the data for the present study. The data are unprecedented, being repeated measures on a nationwide sample of U. S. elementary and secondary school students. In the next chapter the way in which these data were used to measure stability will be discussed.

Chapter 2

The Many Faces of Stability

When we speak of growth as being stable we can be referring to no less than six different kinds of stability. In this chapter these different definitions of stability will be reviewed along with alternative ways of describing the stability mathematically. When we refer to growth we will have intellectual or academic growth in mind although our comments should be equally pertinent to other kinds of growth--physical growth, for example. Usually we will be concerned with trend lines, defined as lines connecting the scores of an individual on two occasions or the lines connecting the mean scores for a group on two occasions.

First there are some broad distinctions which must be made. The first is between individual stability and group stability. It is conceivable that the scores of individuals within a group might fluctuate widely from one occasion to the next while the mean score for the group could be highly predictable from one occasion to the next. In some discussions it will be important to keep this distinction between individual and group stability in mind.

The second broad distinction is between what might be called absolute or pattern stability and relational stability. The first refers to the situation where the scores for an individual or the mean scores for a group of individuals exhibit the same pattern of change on a variety of occasions. The pattern may be complex. The growth curve for a particular student attribute may for all students or nearly all students accelerate slowly in the early school years, then accelerate rapidly, and then level off in the later school years.

Relational stability refers to the kind of stability one ordinarily measures by correlational techniques. On two occasions the scores of individuals within a group or the mean scores for several groups are highly correlated. In other words the relative position of the individuals or the groups remains constant. The gains for the individuals or groups may have been highly unequal but as long as the ordering of the individuals or groups remains constant, relational stability would be high.

Ordinarily when we say that the growth--intellectual growth, for example--of a category of subjects is stable over time we are referring to the mean scores of a group on two or more occasions. Individuals within the group can fluctuate around the mean, but the deviations are important only as far as they affect the group mean. Also we ordinarily have in mind a maturing or developing characteristic, not a stable characteristic which never changes.

Stability in this sense is a characteristic of growth. From this group point of view the first definition of stability is suggested:

1. The growth of a category of individuals is stable if, over time, the mean change of the scores in question is constant in successive time periods.

In other words the slope of a trend line is constant from one time period to the next. Still another way of saying the same thing is to say that the mean scores for the group exhibit a linear trend. Statistically speaking the means would be stable if a linear equation describes the trend and any deviation of means from linearity can be attributed to error. The test of this can be computed using a standard analysis of variance model with, as the dependent variable, linear trend coefficients multiplied by the scores at four points in time. This type of stability might be referred to as <u>group mean linear stability</u>.

The second possible definition of stability is a logical extension of the first:

2. Growth is stable if the mean scores over occasions conform to a quadratic curve.

Here we would be allowing for the possibility that the frequently observed growth curve with decelerating slope and eventual plateau represents stable growth. The test of the fit of the quadratic component is similar to that of a linear component, except quadratic coefficients are used.

If the cubic component is significant, then we have an interesting kind of instability. This is where we have two points of inflection in the growth curve. In other words the growth of the group accelerates then decelerates and then accelerates again or vice versa. One could argue that if such a pattern of growth were consistently observed--these individuals always exhibit this kind of growth--then a kind of stability is displayed.

The second type of stability mentioned earlier is relational stability. It is conceivable that the mean scores for a group of individuals over time might exhibit a precise linear trend but individuals within the group might vary widely in their patterns of growth. There could be a zero correlation or even a perfect negative correlation between the scores of the individuals at one time and their scores at a second time. This suggests another definition of stability:

3. Growth is stable to the extent that measures of growth on successive occasions are correlated.

In other words if over time the individuals in a group maintain the same relative position to each other, then the growth of that group would be described as stable.

So far we have considered the stability of the scores of a group with respect to the previous scores of the individuals in that group. An additional way to define the stability of an individual's scores or a group's mean score is with respect to the scores of another group, ordinarily a population to which the group in question belongs. Let us assume, for example, that the mean scores of a group of subjects maintained over two occasions the same percentile rank with respect to a norms group for the measure in question. If this were true for four occasions, could we not say that the group's scores are stable even though it might take a cubic equation to describe the mean scores of the subjects over the four occasions. This then suggests another definition of stability:

4. Individual group scores are stable to the extent that they maintain over time the same position with respect to some reference group. Position could be defined in terms of percentile rank or standardized score.

A fifth concept of stability is related to definition number 3:

5. Growth is stable to the extent that it is predictable. In other words if the scores of a group of subjects on one occasion are highly predictable from the scores <u>plus other measures</u> obtained at an earlier time then there is a kind of stability in the growth of the subjects. This way of looking at stability equates it with lawfulness or predictability; the data do not change in a random fashion but in a predictable fashion.

Lastly the scores of a group of individuals can exhibit stability or instability in regard to their dispersion over time. Does the variance of the scores increase or decrease on successive occasions?

6. Growth is stable in dispersion if the variance of the scores of a group of individuals remains constant over occasions.

We could define additional kinds of stability, e.g., stability of factor structure over occasions, but the foregoing versions will suffice for the purposes of this report.

In summary we have defined six different versions of stability: (1) linear stability, (2) nonlinear stability, (3) relational stability, (4) normative stability, (5) predictive stability and (6) dispersion stability. None of the versions can be eliminated from consideration. The choice between these definitions of stability

will depend on the extent to which a particular definition may serve whatever proposition or question the researcher is investigating. In subsequent chapters of this report the authors will attempt to observe the language usage suggested by this chapter.

Chapter 3

Method

The testing plan for the Growth Study, from which the data for the Stability Study was derived, is shown in detail in Figure 1. From the figure one can see that it incorporates both a cross-sectional and a longitudinal design, i.e., in 1961 different students in grades 5, 7, 9, and 11 were tested and since then the same students were tested every two years until they were graduated. This design enabled the Growth Study research staff to proceed immediately with the descriptive summary of the cross-sectional data while waiting for the longitudinal data to come in. It also permitted the investigation of differences in growth estimates which are obtained from cross-sectional as compared to longitudinal data (see Hilton & Patrick, 1970).

Sample

The 17 communities participating in the Growth Study and the names of their high schools, totaling 27, are shown in Figure 2. The Growth Study sample consists of the students in these public high schools and in all the junior high schools and elementary schools feeding them. Whenever a test administration was conducted all the students enrolled in the school were tested except those not in attendance because of prolonged illness and those students classified as mentally retarded. The initial sample consisted of approximately 9,000 fifth graders, 9,000 seventh graders, 9,000 ninth graders, and 5,000 eleventh graders, giving a total of 32,000 subjects.

By 1963, when all subjects were tested for the second time, 93% of the original subjects remained but, since the Growth Study makes a practice of testing all the students in the relevant grades of the school whether or not they had participated in previous administrations, the total sample--with full or partial data had grown to slightly less than 40,000. In each subsequent testing the total sample increased by 25% while the "core" sample with complete data decreased by 15%. At the conclusion of the in-school data collection, 45,901 students were in the total sample and 15,124 in the core sample. When a student left a "Growth Study" school no effort is made to follow him to his new location.

Selection. The schools were selected to provide a range in geographic location, size of system, proportion of senior class graduates who subsequently attended college and rural-urban orientation. Although all the high schools were comprehensive, the proportion of students enrolled in vocational education curricula varied markedly from one school to another. The average enrollment in such programs was approximately 40%.

Figure 1

TESTING PLAN FOR THE STUDY OF ACADEMIC PREDICTION AND GROWTH

Grade	Sept.-Oct. 1961	Jan.-Feb. 1963	Sept.-Oct. 1963	Jan.-Feb. 1965	Sept.-Oct. 1965	Jan.-Feb. 1967	Sept.-Oct. 1967	Jan.-Feb 1969
5	TGI-L SCAT-5B STEP-4B N=8939							
7	TGI-L SCAT-4B STEP-3B N=8891		TGI-M BEQ-7 SCAT-4B STEP-3B N=8361					
9	TGI-M SCAT-3B STEP-3B N=9245		TGI-H BEQ-9 SCAT-3B STEP-3A N=8724		TGI-H BEQ-9 SCAT-3B STEP-3A N=7671			
11	TGI-H SCAT-2B STEP-2B N=5294		TGI-H BEQ-11 SCAT-2B STEP-2B N=7790		TGI-H BEQ-11 SCAT-2B STEP-2B N=7383		TGI-H BEQ-11 SCAT-2B STEP-2B N=6304	
12		Sr. Quest. BEQ-12 Am. Hist. Eng. Comp. PSAT N=4854		Sr. Quest. Am. Hist. Eng. Comp. PSAT N=6750		Sr. Quest. Am. Hist. Eng. Comp. PSAT N=5891		Sr. Quest. Am. Hist. Eng. Comp. PSAT N=5674
Total Ss per Administration	32,369	4,854	24,875	6,750	15,054	5,891	6,304	5,674

Note: The numbers of Ss indicated for the years 1965 to 1969 are estimates. These totals combine public and independent school counts.

Region of U.S.	12th grade enrollment						
	Over 200			100-200		Under 100	
	Under 35	% college going 35-70	Over 70	% college going 35-70	Under 35	% college going 35-70	Over 70
New England Middle Atlantic	Erie, Pa: East H.S. Memorial Tech.	Erie, Pa: Academy H.S. Strong V.	-	-	Ipswich, Mass.	Warwick Valley N.Y.	Cohasset, Mass.
E. No. Central W. No. Central	Akron, Ohio: South H.S. Hower Voc.	Akron, Ohio: Kenmore	Akron, Ohio: Buchtel H.S. Firestone	Mt. Healthy, Ohio	Frazee, Minn.	Bronson, Mich.	W. Lafayette, Ind.
W. So. Central So. Atlantic E. So. Central	Atlanta, Ga: W.F. George	-	Atlanta: Dykes	Yazoo City Miss.	Havre de Grace, Md.	Lampasas Texas	-
Mountain Pacific	Oakland, Cal.: Castlemont	-	Oakland, Cal.: Oakland H.S. Skyline H.S.	La Junta, Colorado	Elma, Wash.	Burton, Wash.	-
No. of Schools	6	3	5	3	4	4	2

This chart presents the classification as it stands in 1969. One school system dropped out in 1962 (Lynnfield, Mass.: 100-200, 35-70%); and a second school in 1963 (Canyon, Texas, <100, >70%); a new school was established in Akron in 1963 (Firestone: >70%).

Figure 2. High Schools in Study of Academic Prediction and Growth.

Although the schools were not randomly selected from the population of high schools in the United States, the opportunities the staff has had to compare the mean aptitude and achievement test scores of Growth Study subjects with the mean scores of students in randomly selected samples indicate that the Growth Study sample closely approximates the randomly selected sample in aptitude and achievement.

In Figure 3 the occupation and education of the fathers of the Growth Study subjects is compared with the Coleman Study sample. Certain differences in frequency can be attributed to differences in the wording of the relevant questionnaire categories. In any case, the similarity of the profiles is high.

Comparison of the Growth Study sample with the demographic characteristics of the nation's schools indicate that the Growth Study probably is deficient in its representation of small rural high schools. For most purposes, however, this is not regarded as a serious deficiency.

Data and Instrumentation

The original focus of the Growth Study was on academic growth as measured by objective tests of ability and achievement, recognizing that this domain is but one aspect of the total development of the student. Supplementary biographical information--on interests, both academic and nonacademic, and on educational and vocational plans--was obtained from questionnaires, but throughout the data collection the primary objective remained that of thoroughly describing and explaining the student's acquisition of knowledge, understanding and intellectual skills.

The data used in the present study are listed in Table 1.

Each Growth Study test administration consists of approximately 15 hours of testing which is conducted in the school by teachers and counselors who are provided with detailed manuals of instructions. The very small fraction of unusable answer sheets received suggests that the test administrators were unusually successful in conducting orderly test sessions. The schools are provided with full reports on the SCAT and STEP test scores of each student and most of the schools use these scores for guidance purposes.

The basic instruments of the study are the School and College Ability Test (SCAT) and the Sequential Tests of Educational Progress (STEP). The SCAT, which yields verbal and quantitative scores, measures general ability to do school work. The STEP series of achievement tests measure the student's ability to apply his skills to the solution of problems in six areas: reading, writing, listening, social studies, science, and mathematics. Lower level SCAT and STEP forms are scored on the same continuous scale as higher level forms (that is, vertically equated) but the tests are not equated horizontally, i.e., a given scaled score on one test cannot be interpreted as the same score on another test.

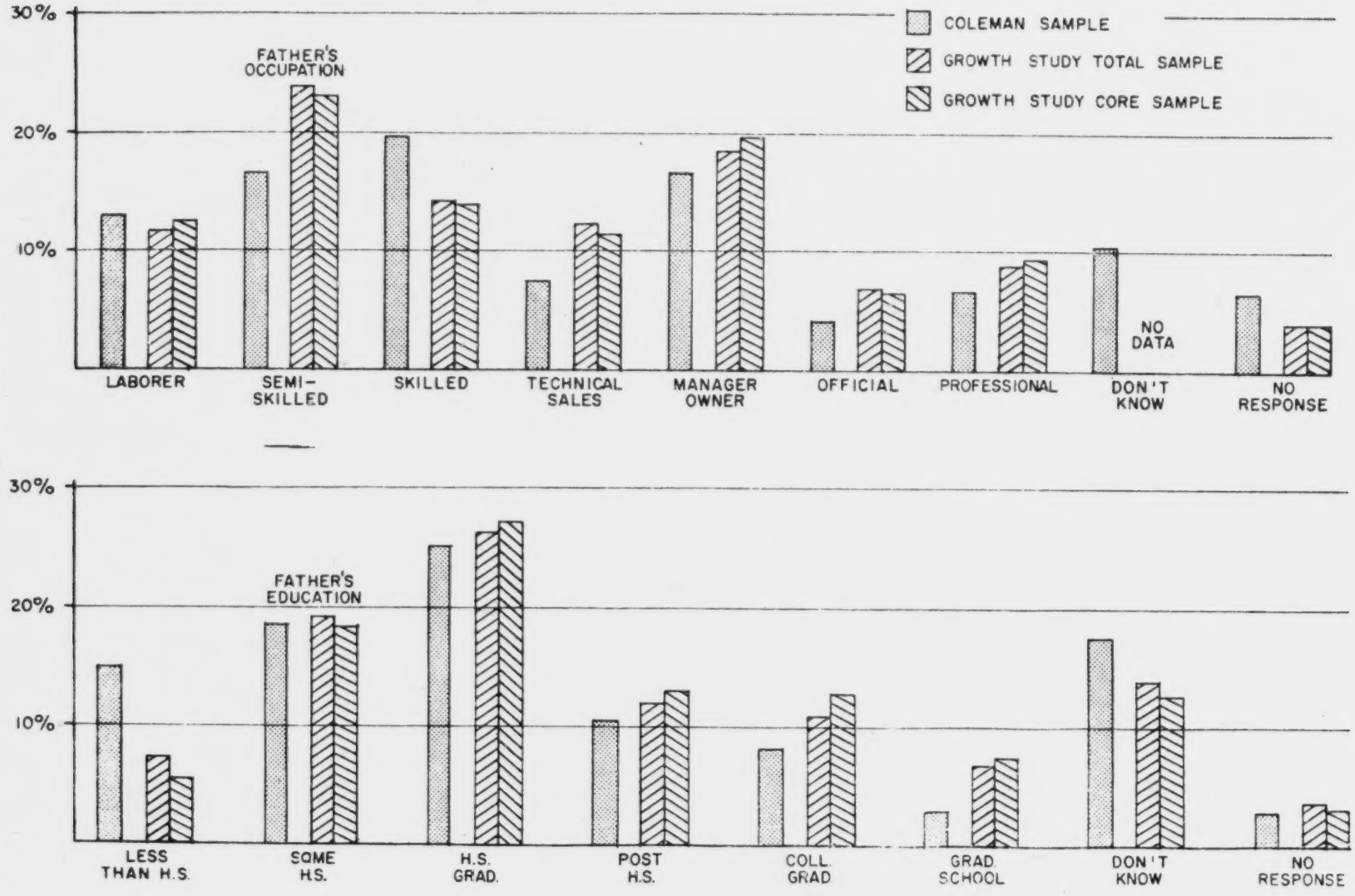

Figure 3. Comparison of Coleman Sample, and Two Growth Samples of U.S. Ninth Graders

Table 1

Summary of Data

Level	Variables	Instruments
Grade 5	Aptitude and achievement	SCAT, STEP, TGI
Grade 7	Aptitude and achievement	SCAT, STEP, TGI
	Academic program enrolled in (If in a junior high school)	Test answer sheet
	Experience, aspirations, interests, and family background	BEQ 1
Grade 9	Aptitude and achievement	SCAT, STEP, TGI
	Academic program enrolled in	Test answer sheet
	Experiences, aspirations, interests, and family background	BEQ 2
Grade 11	Aptitude and achievement	SCAT, STEP, TGI
	Academic program enrolled in	Test answer sheet
	Experiences, aspirations, interests, and family background	BEQ 3
	Vocational plans	Q. on answer sheet Biography in yearbooks

The Test of General Information was designed especially for the Growth Study in order to identify nonacademic factors that are related to students' growth during this period. It is being used to determine when and at what rate students learn the kinds of facts that are not systematically taught in school but which an alert and reasonably well-informed adult could be expected to know. There are three forms of this test at three different levels of difficulty with questions in each of eight areas: home arts, industrial arts, physical sciences, art and music, biographical sciences, history and literature, entertainment and recreation, and public affairs.

Questionnaires. The Background and Experience Questionnaire (BEQ) was also designed especially for the Growth Study. It provides information on the relationships between the student's growth and his experiences and activities in and out of school. These questionnaires attempt to minimize generalization and vagueness by requiring the student to document many of his responses with facts, such as the titles of some books he has read, the plays he has seen or participated in, the instrument he plays in the school band, or a description of the job he has held during the summer. The questionnaires also yield information on the student's opinion of the courses he has taken and indicate how often and with whom he has discussed topics such as his future education and career plans, news events of the day, or personal values.

Questions on the student's background focus on the education and occupations of his parents and the amount of encouragement and support they give. Forms of the Background and Experience Questionnaire were developed for the seventh, ninth, eleventh, and twelfth grades.[2]

Variables

Two types of variables were defined for the purposes of the analysis. The first, classification variables, were selected for the purpose of subdividing the total sample into subgroups of special interest. The second type were the dependent variables whose distributions were examined.

Classification Variables. The classification variables were sex, ethnic group high school curriculum, and father's education. These particular variables were selected, primarily on the basis of previous analysis of the Growth Study data file and the educational research literature, as most likely to be major sources of variance in the dependent variables and to be of interest to researchers as control variables.

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[2]The twelfth grade form of the BEQ was given only to the 1963 seniors. The 1965 seniors, who earlier completed the eleventh grade version, were given a shortened version asking only about their vocational plans.

The ethnic variable included only two categories: Black, white and other. Because at the time the Growth Study was begun the socio-political climate was such that it was not feasible to include an item for self-identification of ethnic group, the identification was accomplished several years later by engaging school guidance counselors who knew the students to make the identification from school rosters. After the students were graduated from high school in 1969 the Growth Study staff repeated the process, using high school yearbooks as the source of identifying information. In the few cases where there were disagreements between the staff and the counselors (less than 1%) the student in question was classified as white. Thus the "white" category--while mostly white students--also includes Mexican-Americans, Orientals, Latin-Americans and students whose identification was uncertain.

The academic-nonacademic dichotomy was made on the basis of a questionnaire item included in the Background and Experience Questionnaire in 1967 in which the students, then in Grade 11, identified their course of study:

125. From the list below, which course of study are you taking in high school?

A. Academic or college preparatory

B. Agricultural

C. Business or commercial

D. General

E. Home economics

F. Vocational

G. Other*

H. Undecided

*What? _____

Students responding "A" were classified as academic and all others were classified as nonacademic.

Father's education was selected as the single variable most likely to reflect the socio-economic background of the student and also the educational opportunities the student may have had in the home setting.

An exploratory study conducted by the authors indicated that--unlike father's occupation--father's education was related to achievement in a positive linear fashion for both white and black students.[3] Father's education was obtained from the BEQ item reading as follows:

113. How much formal education does your father or male guardian have?

A. Grade school

B. Some high school

C. Graduated from high school

D. Some college, junior college, business or trade school (after completing high school)

E. Graduated from college

F. Some graduate or professional school (e.g., law, medicine)

G. Obtained a graduate or professional degree

H. Don't know

Categories A and B were combined, and also categories D, E, F, and G.

Dependent Variables

The test scores which served as dependent variables for the descriptive summary are shown in Table 2.

Included are 11 scales derived from items in the BEQ, on the basis of a factor analysis of all the items in the BEQ (Rock & Freeberg, 1969). The items selected for each scale were those which had the highest loading on each successive factor and also were consistent with the other items on logical grounds. The items of each scale are listed in Table 3. In computing scores for each subject the problem of missing item responses arose. It was decided that the subject had to have responses for 75% of the items before a score on that scale could be computed for him. For all subjects, the final score was the average score for the items responded to, and these mean scale scores were standardized across the entire sample, with a mean of 50 and a standard deviation of 10.

[3] Unpublished

Work Scale. One additional scale was computed in the same way as above, for grade 11 only, made up of items 102, 104, and 106 of the BEQ. This scale is intended to measure the work a student has done outside of school and, thus, is referred to as the BEQ Work Scale.

102. During school vacations in the last two years, have you usually had a job?

A. No

B. Yes, part-time

C. Yes, full-time

104. Not counting work during vacations, have you worked outside of school during Grades 9 and 10? (Don't forget jobs like your own farming, or helping your parents or guardian with their work or business.)

A. No (skip to 107)

B. Grade 9 only (answer 105)

C. Grade 10 only (answer 105)

D. Both years (answer 105)

106. How many hours a week, on the average, did you work?

A. 5 hours a week or less*

B. Between 5 and 20 hours a week*

C. 20 hours a week or more*

*Briefly describe the duties on your most recent job_____

_____

The range of this scale is from zero to four. A student was scored 0, 1, or 2 points, respectively, for not working in the summer, working part time, or working full time, and similarly for not working during the school year, working 1 to 20 hours, or working more than 20 hours during the school year. These two scores were then added together for the Work Scale score.

Table 2

Dependent Variables

SCAT	Verbal
	Quantitative
STEP	Math
	Science
	Reading
	Social Studies
	Listening
	Writing
TGI Scale	A - Industrial Arts
	B - Home Arts
	C - Physical Sciences (Math)
	D - Biological Science
	E - Musical Arts
	F - History, Literature
	G - Recreation, Entertainment
	H - Government, Public Affairs
BEQ Scale	1 - Female Activities
	2 - Sports & Masculine Interests
	3 - General Leisure Activities
	4 - Breadth of Reading
	5 - Talk With Others
	6 - Academic Course Interests
	7 - Musical Activities
	8 - Lower Level Social & Leisure Activities
	9 - Technical Hobbies and Interests
	10 - General TV Viewing
	11 - Academic Effort

Table 3

BEQ Scales

Scale 1: Female Activities

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, and C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

23. Sewing, embroidering, knitting

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Name one piece_____

24. Experimenting with new recipes

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

29. Taking or developing pictures

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Name one subject_____

30. Painting, drawing, or sculpturing

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Name one subject_____

32. Writing poetry, plays, essays, or stories

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Give one title_____

33. Writing letters to friends or relatives

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

35. Cleaning house

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

36. Cooking for the family

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

How much time, on the average, have you spent on each of the following?

56. Taking care of your hair (washing, combing, setting, etc.)

A Less than 1 hour a week
B 1 to 2 hours a week
C More than 2 hours a week

57. Other personal grooming (complexion, nails, etc.)

A Less than 1 hour a week
B 1 to 2 hours a week
C More than 2 hours a week

58. Taking care of your clothes

A Less than 1 hour a week
B 1 to 2 hours a week
C More than 2 hours a week

59. How long, on the average, have you spent talking on the telephone to friends each day?

A Less than 10 minutes a day
B Between 10 and 30 minutes a day
C Over 30 minutes a day

[1]Identical items were used at the Grades 7, 9, and 11. In obtaining total scores the "A" responses were weighted 1, "B" was weighted 2 and "C" was weighted 3.

Scale 1 (cont.)

BEQ Scales

How many BOOKS of the following kinds have you read during the last two years? Do not include class assignments.

78. Religious books

A None
B 1 or 2*
C More than 2*

*Name one title_____

How often, on the average, have you read each of the following kinds of MAGAZINES?

84. Movie or TV

A Rarely or never
B Occasionally*
C Regularly*

*Name one magazine_____

How often have you read each of the following sections of a NEWSPAPER?

95. Society, homemaking

A Rarely or never
B Occasionally
C Regularly

Table 3 (cont.)

BEQ Scales

Scale 2: Sports and Masculine Interests

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

17. Sports events

A Very little or none
B Sometimes, but less than one a week
C About one a week
D Two or more a week

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, or C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

27. Model building; for example, airplanes

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*What kind?_____

40. Practicing sports on your own

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*What?_____

41. Hunting, fishing, hiking, or camping

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

42. Playing outdoor group sports (not on a regular team)

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

Have you played on athletic teams--either in or out of school?

66. Football

A No
B 1 year*
C 2 years*

*What position?_____

67. Basketball

A No
B 1 year*
C 2 years*

*What position?_____

68. Baseball

A No
B 1 year*
C 2 years*

*What position?_____

70. Other athletic team

A No
B 1 year*
C 2 years*

*Name_____

How often, on the average, have you read each of the following kinds of MAGAZINES?

88. Outdoor or sports, such as Sports Illustrated

A Rarely or never*
B Occasionally*
C Regularly*

*Name one_____

Table 3 (cont.)

BEQ Scales

Scale 3: General Leisure Activities

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

13. Educational courses, programs, or talks

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, or C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

25. Working on collections, such as rocks, stamps

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*What do you collect?_____

39. Playing individual sports, such as bowling, pool, or swimming

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

43. Playing indoor table or card games

A None or very little
B Some, but less than 2 hours a week
C 2 hours a week or more

During grades 7 and 8, how often, on the average, have you done each of the following?

If you answer a starred (*) choice, fill in the blank.

46. Attended athletic events

A Less than once a month
B Between once a week and once a month
C Once a week or more often

47. Attended movies

A Less than once a month
B Between once a week and once a month
C Once a week or more often

48. Gone roller or ice skating

A Less than once a month
B Between once a week and once a month
C Once a week or more often

49. Attended dances

A Less than once a month
B Between once a week and once a month
C Once a week or more often

How much time, on the average, have you spent on each of the following?

53. Doing personal shopping

A Less than 1 hour a week
B 1 to 2 hours a week
C More than 2 hours a week

How often, on the average, have you read each of the following kinds of MAGAZINES?

85. Detective, sports, romance, adventure, mystery, western stories

A Rarely or never
B Occasionally*
C Regularly*

*Name one magazine_____

Table 3 (cont.)

BEQ Scales

Scale 4: Breadth of Reading

How many BOOKS of the following kinds have you read during the last two years? Do not include class assignments.

76. History, current events, biography, autobiography

A None
B 1 or 2*
C More than 2*

*Name one title_____

82. Classical or best seller fiction, poetry, drama

A None
B 1 or 2*
C More than 2*

*Name one title_____

How often, on the average, have you read each of the following kinds of MAGAZINES?

89. Men's or women's magazines, home and garden, fashion

A Rarely
B Occasionally*
C Regularly*

*Name one_____

90. News, digest, and general magazines, such as Reader's Digest, Life, Look, Newsweek, Saturday Evening Post

A Rarely or never
B Occasionally*
C Regularly*

*Name one_____

91. Scientific magazines, such as National Geographic

A Rarely or never
B Occasionally*
C Regularly*

*Name one_____

How often have you read each of the following sections of a NEWSPAPER?

94. Sports

A Rarely or never
B Occasionally
C Regularly

96. News, editorials

A Rarely or never
B Occasionally
C Regularly

Table 3 (cont.)

BEQ Scales

Scale 5: Talk With Others

How often have you talked about each of the following with your friends?

150. Your educational and vocational plans

A Rarely or never
B Occasionally
C Frequently

151. TV, sports, movies, popular music

A Rarely or never
B Occasionally
C Frequently

152. Personal values--decent behavior, religion, honesty, etc.

A Rarely or never
B Occasionally
C Frequently

154. The news events of the day

A Rarely or never
B Occasionally
C Frequently

155. Science

A Rarely or never
B Occasionally
C Frequently

156. Literature, music, art

A Rarely or never
B Occasionally
C Frequently

How often have you talked about each of the following with your parents?

157. Your educational and vocational plans?

A Rarely or never
B Occasionally
C Frequently

158. TV, sports, movies, popular music

A Rarely or never
B Occasionally
C Frequently

159. Personal values--decent behavior, religion, honesty, etc.

A Rarely or never
B Occasionally
C Frequently

Table 3 (cont.)

BEQ Scales

Scale 6: Academic Course Interests

Here is a list of school courses. In each item, Mark A if you did not take the course(s).

If you did take the course, mark B, C, or D to show whether the course was boring or interesting to you.

126. Athletics and physical education

A Didn't take any of these courses
B Boring
C Undecided
D Interesting

128. Foreign language--Spanish, French, German, Latin, etc.

A Didn't take any of these courses
B Boring
C Undecided
D Interesting

129. Social studies

A Didn't take any of these courses
B Boring
C Undecided
D Interesting

131. Mathematics

A Didn't take any of these courses
B Boring
C Undecided
D Interesting

132. Science

A Didn't take any of these courses
B Boring
C Undecided
D Interesting

Do you think the following courses will be useful in helping you earn a living? Mark A if you did not take the courses.

134. English and literature

A Didn't take any of these courses
B Not useful
C Undecided
D Useful

135. Foreign language--Spanish, French, German, Latin, etc.

A Didn't take any of these courses
B Not useful
C Undecided
D Useful

136. Social studies

A Didn't take any of these courses
B Not useful
C Undecided
D Useful

137. Home economics, agriculture, or shop

A Didn't take any of these courses
B Not useful
C Undecided
D Useful

138. Mathematics

A Didn't take any of these courses
B Not useful
C Undecided
D Useful

139. Science

A Didn't take any of these courses
B Not useful
C Undecided
D Useful

Table 3 (cont.)

BEQ Scales

Scale 7: Musical Activities

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, and C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do you count things you did as part of your class assignments.

31. Practicing, arranging, or composing music.

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*What instrument or style?_____

During grades 7 and 8, how often, on the average, have you done each of the following?

If you answer a starred (*) choice, fill in the blank.

44. Attended club meetings

A Less than once a month
B Between once a week and once a month*
C Once a week or more often*

*Name one club_____

During grades 7 and 8, how many times have you done each of the following?

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

60. Gone to plays, lectures, concerts, etc., outside of school

A None
B 1 or 2 times*
C More than 2 times*

*Name one_____

61. Acted in plays, done play production work, or participated in public debates.

A None
B 1 or 2 times*
C More than 2 times*

*Name one play or debate topic_____

62. Made solo musical performances or public speeches

A None
B 1 or 2 times*
C More than 2 times*

*Name one occasion_____

During grades 7 and 8, have you been a member of a musical organization--either in or out of school?

64. Band, orchestra, or other instrumental group

A No
B 1 year*
C 2 years*

*What did you do?_____

Scale 7 (cont.)

BEQ Scales

How many BOOKS of the following kinds have you read during the last two years? Do not include class assignments.

81. Music, art

A None
B 1 or 2*
C More than 2*

*Name one title_____

101. During the last two years, have you taken regular lessons (individual or group) outside of school--music, dancing, art, sports, etc.?

A No
B Yes*

*In what?_____

Table 3 (cont.)

BEQ Scales

Scale 8: Lower-Level Social and Leisure Activities

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

10. Teen-age music and dancing

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

How much time each week, on the average, have you spent listening to each of the following kinds of RADIO programs -r phonograph RECORDS--during grades 7 and 8?

19. Popular music

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

21. During school vacations, how much do you watch TV and listen to the radio or records?

A Less than during school terms
B About the same as during school terms
C More than during school terms

During grades 7 and 8, how often, on the average, have you done each of the following?

If you answer a starred (*) choice, fill in the blank.

50. Gone on dates

A Less than once a month
B Between once a week and once a month
C Once a week or more often

How much time, on the average, have you spent on each of the following?

52. Hanging around, just loafing, talking, or snacking with friends

A Less than 1 hour a week
B 1 to 2 hours a week
C More than 2 hours a week

How often, on the average, have you read each of the following kinds of MAGAZINES?

86. Comic books

A Rarely or never
B Occasionally*
C Regularly*

*Name one_____

How often have you read each of the following sections of a NEWSPAPER?

93. Comics

A Rarely or never
B Occasionally
C Regularly

Table 3 (cont.)

BEQ Scales

Scale 9: Technical Hobbies and Interests

During grades 7 and 8, how much time, on the average, have you spent on each of the following? Mark A, B, or C on your answer sheet.

If you answer a starred (*) choice, fill in the blank in this test book.

Do not count things you did as part of your class assignments.

22. Repairing mechanical things, such as appliances, cars

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Name one_____

26. Building electronic equipment or performing scientific experiments at home

A None or very little
B Some, but less than 2 hours a week*
C 2 hours a week or more*

*Name one_____

How many BOOKS of the following kinds have you read during the last two years? Do not include class assignments.

77. Books telling how to repair, build, or do things

A None
B 1 or 2*
C More than 2*

*Name one title_____

80. Science

A None
B 1 or 2*
C More than 2*

*Name one title_____

How often, on the average, have you read each of the following kinds of MAGAZINES?

87. Hot rod, mechanical, science fiction

A Rarely or never
B Occasionally*
C Regularly*

*Name one_____

Table 3 (cont.)

BEQ Scales

Scale 10: General TV Viewing

How much time each week, on the average, have you spent watching each of the following kinds of TELEVISION programs--during grades 7 and 8? Do not include programs that were part of your school work. Do not include TV watching during school vacations.

6. Detective stories or mysteries

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

7. Westerns and adventure stories

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

9. Comedy

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

11. Serious drama, music, or "specials"

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

12. Documentaries or coverage of special events

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

14. Quiz, panel, or audience participation shows

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

15. Cartoons

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

16. Movie features

A Very little or none
B Sometimes, but less than one a week
C About one a week
D Two or more a week

18. How much time each week, on the average, have you spent listening to news on RADIO or TV?

A Very little or none
B About 30 minutes a week
C Between 30 and 60 minutes a week
D Over 60 minutes a week

Table 3 (cont.)

BEQ Scales

Scale 11: Academic Effort

97. During grades 7 and 8, how long have you usually worked on school assignments during the evening?

A Seldom or never did homework after school
B Some, but less than 1 hour a day
C 1 hour a day or more

99. During the last two summers, did you go to summer school to take extra courses?

A No
B Yes*

*In what_____

103. During school vacations in the last two years, how much time, on the average, have you spent reading and studying?

A Very little or none
B Some, but less than 2 hours a week
C 2 hours a week or more

Method of Analysis

The first step in the analysis of the data was to compute basic descriptive statistics for all variables. These statistics were the number of observations (N), mean, standard deviation, minimum score, maximum score and five percentile points of the score distribution (10, 25, 50, 75, and 90). These statistics were computed for each SCAT, STEP, TGI, and BEQ scale variable for each year over the total sample.

In addition, the same statistics were computed for subgroups of the sample as described above. The total sample consisted of all students who had participated at any time in one of the Growth Study data collections. A particular statistical summary included all subjects who had a score for the measure in question. Thus the sample N differed from one grade level to the next and from one instrument to another. Those subjects who had a score for a particular measure but were missing one of the classifying scores--their curriculum may have been unknown, for example--were included in a "Not in Sample" subgroup.

For the trend analyses, which will be described shortly, the sample consisted of that core of subjects with complete data for all occasions for the instrument in question. Thus, the sample N did not differ from one grade level to the next but did differ from one instrument to the next. A total of 32 subgroups resulted from all cross-classifications of the four main groups of curriculum, sex, father's education, and race.

Basic Statistics. The appendix to this report contains the basic descriptive output for all variables at each year for the total sample, each subgroup, and for the marginal groups. A sample of this output is shown in Table 4. This table can be used to plot means over time for particular groups to investigate differential growth. They also indicate mean differences among groups which exist at any particular grade level, although, of course, these statistics do not explain the reasons for differences. The percentiles can be used as a rough indication of normality of the score distributions over all subjects and for various breakdowns of the sample.[4]

Analysis of Variance. The second type of analysis used in this study was analysis of variance (ANOVA). For every variable at each grade level, four-factor ANOVAs (2x2x4x2) were computed with curriculum, sex, father's education, and ethnicity as the factors. The main effects are adjusted for disproportionalities; i.e., the curriculum value is adjusted for possible disproportionate representation by sex, race and

[4]In a preliminary data analysis the normality of each distribution was tested by means of the Chi Square Goodness of Fit Test but--with the large number of cases available--the test indicated that practically every distribution departed from normality.

Table 4

Sample of Descriptive Summary

SCAT VERBAL, FORM 5B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1832	254.67	12.19	225.00	285.00	239.01	244.76	253.37	262.62	270.67
NON-ACADEMIC	1818	244.74	9.38	225.00	281.00	233.92	237.59	243.12	249.33	257.44
MALES	1717	248.93	12.19	225.00	285.00	234.73	239.49	245.94	256.33	267.00
FEMALES	1933	250.43	11.71	225.00	285.00	236.08	241.32	248.18	257.57	267.70
ELEM F.ED.	1050	246.63	10.05	225.00	285.00	234.94	239.80	244.52	252.12	260.16
HS F.ED.	956	249.04	11.70	225.00	285.00	235.22	240.18	246.48	255.93	266.53
COLL F.ED.	1230	254.53	12.25	225.00	285.00	238.74	244.37	253.25	262.64	270.78
D.K.F.ED.	414	244.87	11.22	225.00	285.00	231.58	236.20	242.94	250.70	260.65
BLACK	577	240.44	8.06	225.00	281.00	230.56	234.81	238.52	244.28	250.05
WHITE	3073	251.47	11.77	225.00	285.00	237.20	242.36	249.58	258.06	268.33
NOT IN SAMPLE	5061	245.67	12.03	225.00	285.00	231.50	236.37	243.10	252.09	262.98

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	239.44	5.91	225.00	249.00	233.20	235.67	238.80	242.67	246.40
A	M	ELEM	W	161	250.36	11.80	225.00	285.00	235.53	241.17	250.20	259.76	265.90
A	M	HS	B	30	243.10	9.72	228.00	269.00	232.00	235.56	240.00	248.00	257.00
A	M	HS	W	228	253.64	11.79	225.00	285.00	239.35	244.19	252.00	260.78	269.62
A	M	COLL	B	20	244.65	11.62	228.00	281.00	234.80	237.20	241.20	247.60	250.00
A	M	COLL	W	396	257.29	11.73	231.00	285.00	241.51	247.50	256.52	266.38	272.85
A	M	D.K.	B	16	241.06	5.74	230.00	254.00	234.60	237.00	241.00	244.40	247.60
A	M	D.K.	W	38	254.16	11.28	236.00	277.00	240.40	243.64	251.60	266.25	269.10
A	F	ELEM	B	37	246.65	9.67	231.00	277.00	235.54	239.25	244.36	250.75	259.20
A	F	ELEM	W	147	253.02	11.84	230.00	285.00	237.29	243.75	251.44	261.70	269.01
A	F	HS	B	27	243.07	10.05	225.00	267.00	228.80	236.20	242.75	246.50	256.60
A	F	HS	W	186	256.08	11.41	230.00	285.00	242.10	247.10	254.60	264.00	270.80
A	F	COLL	B	15	246.73	8.71	232.00	269.00	236.00	241.50	244.80	251.00	257.00
A	F	COLL	W	445	258.70	11.39	232.00	285.00	243.86	250.02	258.03	267.19	273.69
A	F	D.K.	B	13	245.00	8.41	230.00	259.00	231.20	236.50	244.50	249.50	256.80
A	F	D.K.	W	55	254.49	11.75	225.00	285.00	241.33	246.78	253.25	262.50	269.25
N	M	ELEM	B	54	239.43	5.98	227.00	252.00	230.80	235.24	237.81	243.40	247.28
N	M	ELEM	W	239	244.01	8.41	225.00	273.00	234.10	238.06	242.92	248.11	254.07
N	M	HS	B	49	239.02	8.45	225.00	264.00	227.66	233.25	237.83	242.37	250.13
N	M	HS	W	170	245.62	10.37	225.00	281.00	234.00	239.69	243.54	250.95	259.14
N	M	COLL	B	21	240.24	8.04	225.00	257.00	230.13	234.20	239.00	245.75	249.87
N	M	COLL	W	140	247.66	10.10	227.00	281.00	235.07	240.22	245.86	253.60	261.20
N	M	D.K.	B	51	235.80	6.73	225.00	255.00	227.55	230.92	234.74	237.42	243.90
N	M	D.K.	W	86	243.36	10.20	225.00	277.00	231.28	236.11	241.47	247.30	257.20
N	F	ELEM	B	85	240.20	6.59	225.00	261.00	231.75	235.27	238.64	243.10	249.67
N	F	ELEM	W	309	247.14	7.98	231.00	277.00	236.58	240.61	245.40	252.11	258.02
N	F	HS	B	55	239.89	6.53	227.00	257.00	231.00	234.83	237.89	243.70	248.50
N	F	HS	W	211	246.96	9.09	229.00	277.00	235.92	240.02	245.25	251.57	258.76
N	F	COLL	B	22	239.32	7.34	232.00	267.00	232.93	234.91	236.91	240.50	245.60
N	F	COLL	W	171	248.46	9.81	225.00	277.00	236.76	240.47	245.39	254.08	261.71
N	F	D.K.	B	64	237.75	6.04	225.00	257.00	230.33	232.59	236.86	242.29	245.03
N	F	D.K.	W	91	247.33	9.58	228.00	277.00	235.62	240.50	245.18	252.06	261.12
TOTAL				3650	249.72	11.96	225.00	285.00	235.36	240.42	247.21	257.05	267.39

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

father's education; the sex difference is adjusted for curriculum, father's education, and ethnicity, and so forth. These results are presented in the appendix following the output showing the descriptive statistics. A sample is shown in Table 5. The probabilities associated with each F statistic were interpreted as pointers to group mean differences of interest to the researcher. It was intended that probabilities of less than .001 would direct one to look back at the basic descriptive statistics, particularly the means, to determine the nature of the differences which exist among and within groups. In other words, these analyses of variance are intended to be exploratory rather than confirmatory analyses.

Trend Analyses. The third analysis technique used was that of an analysis of variance of trend components using orthogonal polynomials, (Winer, 1962). In this method new variables were formed for each test by combining the four grade levels for a particular test using orthogonal polynomial coefficients. Three sets of new variables were formed which are termed a) zero-order trend, b) linear trend, and c) quadratic trend. The zero-order trend has coefficients of 1/2, 1/2, 1/2, and 1/2 for each grade level, and the sum over grades represents an average of a student's scores over time. The first-order or linear trend component, which is orthogonal (that is, independent of) the zero-order trend, has coefficients of $-3/\sqrt{20}$, $-1/\sqrt{20}$, $1/\sqrt{20}$, and $3/\sqrt{20}$. This component represents a measure of the general degree of increasing or decreasing linearity in the data over grade levels. The second-order or quadratic component has coefficients of 1/2, -1/2, -1/2 and 1/2. Again, this component is orthogonal to the other two. The quadratic equation can be said to measure curvature in the data where there is one point of inflation. Generally the quadratic component represents parabola-shaped data points where a sharp acceleration occurs or a leveling off occurs.

These three component variables were used in the same type of ANOVA as before, i.e., a four factor model (2x2x4x2). The TGI had to be eliminated from these analyses because the successive forms of the test are not vertically equated as are SCAT and STEP, nor are the items the same at each grade level as they are in the BEQ scales. For each SCAT, STEP, and BEQ scale variable for every subject, component variables were computed by multiplying the coefficients by the appropriate score and summing across grade. These were then each used as the dependent variable in the ANOVAs, the output of which is shown in the appendix following the descriptive output and the standard ANOVA output. In addition to the ANOVA tables using trend components, the same basic descriptive statistics tables as mentioned previously were computed for each of the three trend components.

The zero-order trend is interpreted as a kind of average of the scores over the four grade levels. The overall test of difference from zero for this component is found on the ANOVA table line labeled "MEAN."

Table 5
Sample of ANOVA

SCAT VERBAL, FORM 3B, GRADE 9, 1965

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	257670812.0000	3389			
MEAN	256997949.4619	1	256997949.4619	1294418.0000	0.0000
ERROR	672862.5381	3388	198.5432		
CUR	82380.2951	1	82380.2951	634.2532	0.0000
SEX	613.5077	1	613.5077	4.7234	0.0299
F.ED	14647.6088	3	4882.5363	37.5911	0.0000
RACE	58713.8517	1	58713.8517	452.0430	0.0000
ERROR	439402.3722	3382	129.8855		
CS	223.8007	1	223.8007	1.7340	0.1882
CF	1674.1438	3	558.0479	4.3237	0.0048
CR	61.6049	1	61.6049	0.4773	0.4898
SF	727.1122	3	242.3707	1.8779	0.1311
SR	278.7857	1	278.7857	2.1600	0.1421
FR	1178.6274	3	392.8758	3.0440	0.0278
ERROR	435085.0926	3370	129.0671		
CSF	369.1592	3	123.0531	0.9544	0.4133
CSR	489.7242	1	489.7242	3.7983	0.0515
CFR	750.4451	3	250.1484	1.9402	0.1210
SFR	85.7826	3	28.5942	0.2218	0.8813
ERROR	433341.0315	3360	128.9322		
CSFR	192.7257	3	64.2419	0.4980	0.6836
ERROR	433148.3058	3357	128.9900		

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

For this component this test is, of course, always highly significant since scores which average about 250 are obviously not equal to zero. The rest of the table is interpreted as testing various interactions of curriculum, ethnicity, sex, and father's education with the zero-order component. A significant effect for sex, say, indicates that the average of the score over time is different for males and females. The direction of the difference would be ascertained by examining the means.

The linear and quadratic trend components were used to indicate one of four possible curve shapes. Figure 4 shows the possible curves which are relevant to the data in this study. Figure 4a illustrates a horizontal line over grade levels. This situation would result in non-significant linear and quadratic components. Figure 4b shows what would be a significant linear effect with no quadratic component. The curve shown in 4c would probably result in both a significant linear and quadratic component ; i.e., a line through the data would fit the curve well, but the significant quadratic component indicates that the data level off from grades 9 to 11, as is often the case with growth data. Figure 4d shows a situation where there is no linear component, but a strong parabolic effect exists which would result in a significant quadratic component.

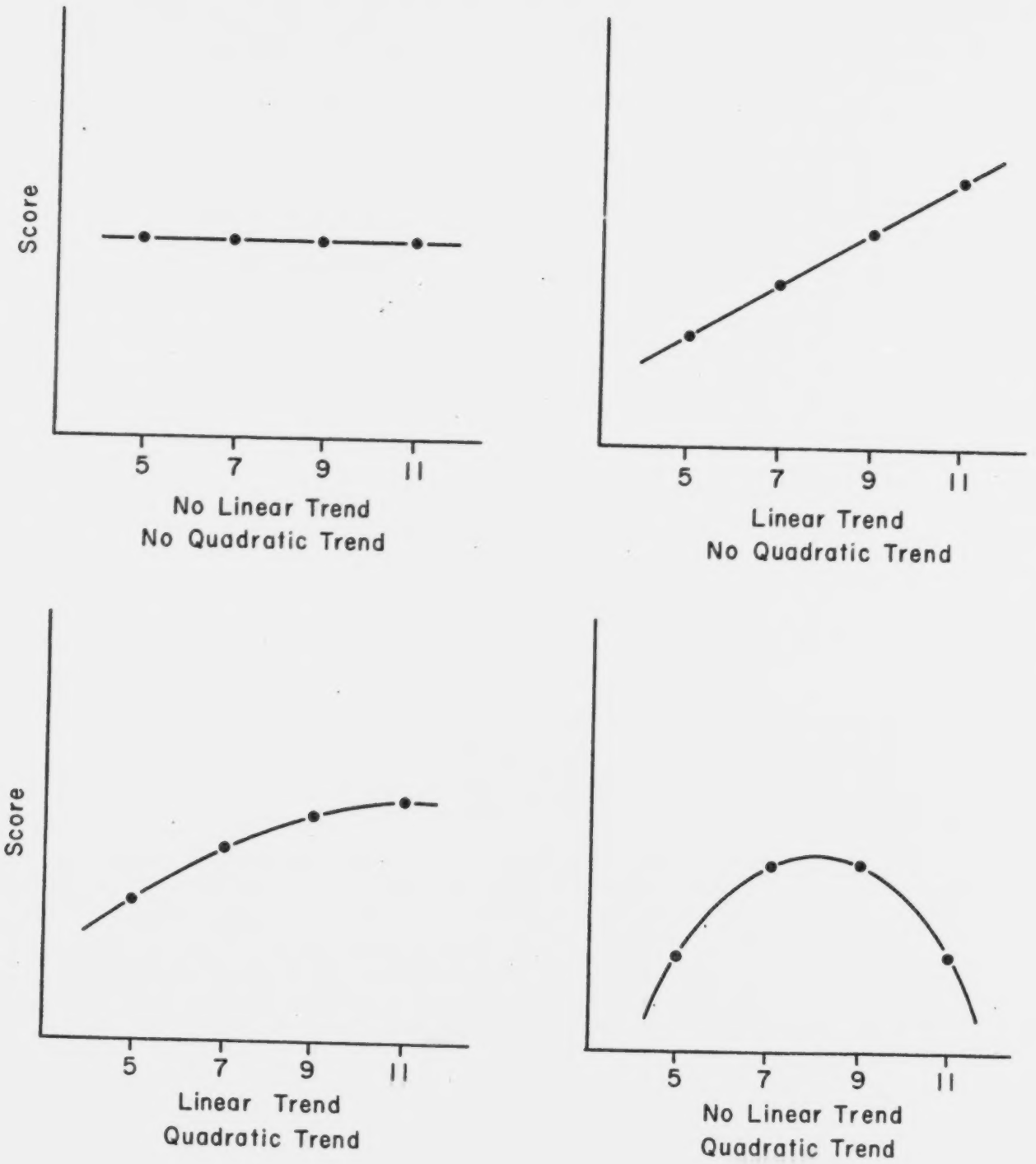
The overall test of the hypothesis of a linear or quadratic component equal to zero is found in the line labelled "MEAN" on the respective tables. Interactions of the factors with the linear or quadratic trends are indicated by significant effects in the tables. A significant sex effect, for example, in the quadratic table is interpreted to mean that curves for males and females are different for this component; i.e., one group may exhibit a different amount of leveling off from grades 9 to 11 or one group may level off and the other continue linearly through all grades.

Thus the ANOVA tables serve as pointers to possible situations of interest to the researcher in the basic mean data. The tables alone do not indicate the exact shape of the curve or the direction of differences. Significant effects in the ANOVA tables point to particular sets of means which it would be useful to explore graphically.

Correlation Tables. The final analytic technique employed was that of correlation. For each SCAT, STEP, TGI, and BEQ scale score the correlations among grade levels were computed. These 4 x 4 correlation tables were computed for the total sample of subjects with data for the measure in question and for the marginal groups of curriculum, sex, father's education, and ethnicity, as divided on the descriptive statistics output and the ANOVA tables. These tables provide a way of determining how predictable scores at a later grade level are from earlier scores.

Figure 4

Examples of Linear and Quadratic Trends



Chapter 4

Results

Although the primary objective of this research was to present descriptive results without interpretation or attempts to generate hypotheses, the temptation to offer a few generalizations is irresistible.

In Tables 6 through 9 the mean scores for each of the major subgroups on each of the dependent variables are given. In almost all cases the means differed significantly, thus supporting the authors' choice of classification variables. In other words the authors were successful in selecting subgroups of the total sample which would have significantly different mean scores on the dependent variables. This was viewed as desirable in order to have subgroups which would be likely--but not necessarily--to differ in stability.

As far as stability is concerned the correlations between occasions or grade levels will be considered first. These within-group correlations reflect relational stability or the extent to which the rank ordering among the students remained constant. Examination of the correlations suggest the following generalizations:

(1) The relational stability of the scores of students enrolled in academic or college preparatory programs is greater than that of "nonacademic" students.

(2) Relational stability is greater for white students than black students.

(3) Relational stability is greater for students with more educated fathers than for students with less educated fathers.

(4) Relational stability is greater for males on male-role-related measures (e.g., math, science, industrial arts) but greater for females on female-role-related measures (e.g., Home Arts, Music, Writing).

Generally the relational stability for the measures included in this study was high. The correlation from Grade 5 to Grade 11 was highest for the academic ability measures (.70 to .80), next highest for the information tests (.50 to .70) and lowest for the BEQ interest and activities scales (.30 to .50). The relational stability of the latter group of measures is low enough to raise serious questions about the use of short measures of interests in guidance and counseling, at least for students in this adolescent period.

Table 6

Means for Blacks and Whites on SCAT, STEP, TGI, and BEQ
Tests at Grades 5, 7, 9, & 11
Note: Only means which differ significantly are given

Test		Grade 5		7		9		11	
		Race							
		W	B	W	B	W	B	W	B
SCAT	V	251.47	240.44	265.48	252.69	277.85	262.89	285.06	270.64
	Q	258.33	250.57	276.99	265.31	291.47	276.11	296.71	279.20
STEP	M	248.82	238.31	261.64	246.74	271.73	256.90	278.65	260.56
	S	256.74	244.18	267.71	257.64	275.25	263.17	282.88	270.61
	R	260.92	246.48	273.54	257.93	284.26	269.99	295.93	279.89
	SS	253.24	241.94	263.46	251.73	274.31	259.35	280.27	265.93
	L	270.55	257.46	280.49	265.72	287.34	274.64	293.24	279.55
	W	259.06	246.99	267.96	253.06	280.56	263.96	290.83	275.02
TGI	A	6.10	3.40	6.00	3.81	5.88	3.91	9.22	6.93
	B	7.32	4.31	6.87	4.90	7.73	5.33	8.04	5.60
	C	6.89	3.85	6.40	4.75	7.13	4.78	9.48	6.89
	D	7.49	4.38	7.11	4.69	8.20	5.69	8.41	5.22
	E	6.09	3.54	6.20	3.82	7.05	4.35	8.84	6.19
	F	6.96	4.33	7.30	4.94	7.53	5.16	8.51	5.43
	G	6.93	4.26	7.14	4.52	6.96	4.24	8.44	6.11
	H	6.05	4.21	5.55	3.55	7.23	4.94	6.36	4.24
BEQ	1			48.85	53.78	49.10	53.02	49.32	53.58
	2			49.50	50.85	49.31	50.94	49.52	51.03
	3			48.98	52.14	48.87	52.91	49.17	54.20
	4			N.S		N.S.		N.S.	
	5	No Data		N.S.		50.48	51.61	50.17	50.67
	6			N.S.		N.S.		50.28	51.05
	7			50.76	50.90	51.00	50.71	N.S.	
	8			49.40	52.05	N.S.		N.S.	
	9			N.S.		N.S.		N.S.	
	10			N.S.		49.66	51.14	49.35	51.90
	11			N.S.		N.S.		N.S.	

Table 7

Means for Academic and Non-academic Curriculums on SCAT, STEP, TGI, and BEQ Tests at Grades 5, 7, 9, & 11
Note: Only means which differ significantly are given

Test		Grade 5		7		9		11	
		Curriculum							
		A	N	A	N	A	N	A	N
SCAT	V	254.67	244.74	269.30	257.60	282.10	268.90	290.32	275.21
	Q	260.33	253.86	280.69	269.57	296.41	281.74	302.55	285.42
STEP	M	251.38	242.89	265.30	253.22	275.82	263.03	283.01	268.71
	S	259.84	249.62	270.97	261.25	279.75	267.03	286.33	275.52
	R	264.92	252.27	278.78	263.35	289.18	274.95	301.40	285.30
	SS	256.27	246.61	267.58	255.60	279.07	264.96	285.85	270.14
	L	273.66	263.25	284.63	271.64	291.87	278.87	297.66	284.54
	W	262.42	251.84	272.60	258.58	285.69	270.30	296.81	279.82
TGI	A	6.66	4.69	6.37	4.95	6.28	4.85	9.78	7.93
	B	7.81	5.88	7.31	5.81	8.24	6.44	8.68	6.63
	C	7.55	5.26	6.83	5.45	7.82	5.67	10.02	8.13
	D	8.13	5.86	7.80	5.66	8.69	6.90	9.22	6.59
	E	6.77	4.59	6.84	4.81	7.81	5.41	9.78	7.07
	F	7.62	5.46	8.09	5.76	8.30	5.99	9.29	6.76
	G	7.49	5.52	7.74	5.71	7.68	5.36	9.07	7.08
	H	6.64	4.88	6.18	4.28	7.76	5.95	6.89	5.16
BEQ	1			48.40	50.51	N.S.		N.S.	
	2			N.S.		50.45	48.69	50.90	48.54
	3			N.S.		N.S.		N.S.	
	4			53.49	47.62	55.47	47.35	54.86	46.36
	5	No Data		51.14	49.21	52.02	49.21	52.21	48.14
	6			52.76	49.47	54.08	49.17	53.68	46.91
	7			52.68	48.71	53.84	48.04	53.77	47.25
	8			48.91	50.57	48.68	50.87	48.93	51.26
	9			N.S.		N.S.		N.S.	
	10			N.S.		N.S.		N.S.	
	11			52.22	48.73	53.51	49.02	53.12	47.81

Table 8

Means for Males and Females on SCAT, STEP, TGI, and BEQ
Tests at Grades 5, 7, 9, & 11
Note: Only means which differ significantly are given

Test		Grade 5		7		9		11	
		Sex							
		M	F	M	F	M	F	M	F
SCAT	V	248.93	250.43	N.S.		N.S.		N.S.	
	Q	256.77	257.40	N.S.		N.S.		296.08	292.35
STEP	M	N.S.		N.S.		270.42	268.23	278.53	273.61
	S	N.S.		266.98	265.37	274.50	272.10	283.50	278.81
	R	255.86	261.07	268.52	273.37	278.74	284.67	290.72	295.88
	SS	N.S.		N.S.		N.S.		279.27	277.05
	L	N.S.		N.S.		N.S.		N.S.	
	W	253.80	260.12	261.90	268.91	273.30	281.79	284.12	292.16
TGI	A	6.33	5.09	6.51	4.91	6.81	4.47	8.13	9.52
	B	6.49	7.16	6.28	6.82	6.69	7.91	8.66	6.79
	C	6.84	6.02	6.54	5.79	7.49	6.10	9.35	8.85
	D	N.S.		N.S.		7.98	7.63	N.S.	
	E	5.47	5.87	5.69	5.96	N.S.		8.72	8.18
	F	6.78	6.34	7.17	6.72	7.50	6.84	8.56	7.58
	G	6.77	6.27	7.12	6.39	6.96	6.13	N.S.	
	H	5.94	5.60	5.54	4.97	N.S.		6.32	5.78
BEQ	1			43.31	54.79	42.19	56.38	42.13	56.79
	2			55.70	44.33	56.03	43.88	55.80	44.43
	3			49.98	48.77	N.S.		N.S.	
	4			N.S.		N.S.		49.70	51.56
	5	No Data		49.66	50.70	49.95	51.25	49.13	51.21
	6			50.60	51.69	N.S.		N.S.	
	7			48.96	52.37	49.76	52.00	49.28	51.70
	8			48.10	51.12	47.24	52.00	48.16	51.75
	9			53.90	45.48	54.09	44.76	54.50	44.69
	10			51.41	48.87	51.56	48.42	50.80	48.77
	11			49.09	51.83	49.22	53.09	47.60	53.07

TABLE 9

Means for Levels of Father's Education (Elementary, High School, College or Respondent Did Not Know) on SCAT, STEP, TGI, and BEQ Tests at Grades 5, 7, 9, & 11

Note: Only means which differ significantly are given.

TEST		GRADE 5				7				9				11			
		Levels of Father's Education															
		E	HS	C	DK	E	HS	C	DK	E	HS	C	DK	E	HS	C	DK
SCAT	V	246.63	249.04	254.53	244.87	259.67	262.45	269.15	258.21	271.81	274.77	281.82	268.67	278.02	282.04	289.79	275.48
	Q	255.30	256.56	260.21	253.70	271.50	274.13	280.65	270.12	284.92	288.23	295.82	282.44	288.92	292.83	301.47	287.18
STEP	M	244.87	246.59	250.99	242.81	255.45	258.57	265.10	253.08	266.02	268.72	275.16	263.19	271.88	275.77	281.99	267.73
	S	25[illegible].83	253.85	259.73	249.38	263.21	265.13	271.01	261.11	269.39	272.59	279.53	267.95	278.00	280.44	285.48	275.97
	R	25[illegible].39	257.51	264.50	251.88	267.00	269.84	278.05	263.27	278.57	280.96	288.65	274.66	288.78	292.59	300.36	286.02
	SS	248.74	250.86	255.92	246.42	257.97	260.41	267.35	256.25	268.18	270.81	278.70	265.28	273.21	277.33	285.10	270.81
	L	26[illegible].44	267.70	273.51	262.91	274.53	27[illegible].93	284.15	271.99	281.43	283.77	292.35	279.79	287.70	290.13	296.89	284.88
	W	25[illegible].34	256.39	262.03	251.49	261.46	264.83	272.23	257.98	273.78	276.66	285.48	270.30	283.24	287.32	296.08	280.50
TGI	A	5.02	5.51	6.70	4.68	5.23	5.61	6.36	4.82	5.17	5.50	6.18	4.81	8.23	8.69	9.85	7.76
	B	6.23	6.70	7.85	5.75	6.21	6.55	7.17	5.72	6.75	7.10	8.27	6.52	6.93	7.62	8.66	6.44
	C	5.63	6.28	7.58	5.21	5.67	5.97	6.86	5.58	6.02	6.55	7.85	5.70	8.67	8.99	9.87	7.78
	D	6.22	6.87	8.18	5.76	6.17	6.57	7.68	5.73	7.33	7.68	8.62	6.70	6.90	7.76	9.34	6.37
	E	4.89	5.44	6.90	4.63	5.20	5.55	6.88	4.96	5.72	6.41	7.87	5.47	7.53	8.35	9.69	6.89
	F	5.89	6.39	7.61	5.39	6.09	6.78	8.09	5.97	6.43	7.01	8.20	6.05	7.12	7.91	9.29	6.68
	G	5.76	6.42	7.57	5.42	6.10	6.60	7.74	5.61	5.70	6.39	7.67	5.38	7.51	7.96	9.05	6.67
	H	5.18	5.72	6.59	4.87	4.68	5.06	6.14	4.38	6.30	6.69	7.75	5.95	5.46	5.94	6.88	4.99
BEQ	1					N.S.				N.S.				N.S.			
	2					48.67	49.82	50.55	48.91	49.27	49.30	50.26	48.87	N.S.			
	3					N.S.				N.S.				N.S.			
	4					47.47	50.13	54.25	48.74	48.40	50.49	55.66	48.12	47.52	50.02	54.82	46.44
	5					49.[illegible]3	49.9[illegible]	51.56	48.30	N.S.				48.83	50.[illegible]7	51.98	47.51
	6					49.59	50.51	53.54	49.20	49.57	51.60	53.67	50.71	48.19	50.34	52.73	48.22
	7		NO DATA			48.48	49.95	53.66	49.37	48.51	50.00	54.05	49.69	48.09	49.78	53.86	47.95
	8					N.S.				N.S.				50.74	50.83	48.97	49.81
	9					N.S.				N.S.				N.S.			
	10					50.29	51.16	49.09	49.89	50.50	50.52	49.08	49.44	50.45	50.34	48.70	49.32
	11					48.49	50.30	52.59	49.93	49.33	50.59	53.61	50.59	48.38	49.76	53.[illegible]6	48.96

As far as linear stability is concerned all of the ability variables had a significant linear component. Male-female differences in linearity followed those for mean differences: males were more linear on male-related scales and similarly for females. The students with more educated fathers exhibited more linear stability than those with less educated fathers, the academic students more than the nonacademic and the white students more than the black students, except on the BEQ scales where the black students were more linear.

All the scales except STEP Writing also had a significant quadratic component. When plotted, the trend lines show the characteristics of standard growth curves, i.e., they are ascending monotonic lines with constantly decreasing slope.

When we examine the trend lines for the major subgroups of the total sample, we find more significant quadratic components for academic students, for males, for students with more educated fathers and for white students. In the latter case the black students tended to "level off" at lower levels than the white students.

This concludes the brief summary of the results obtained. Only the most salient features of the results have been mentioned. The bulk of the output awaits summarizing and interpretation. The interactions, for example, suggest a number of hypotheses about differential growth and stability among subgroups of the sample. It is the authors' hope that educational researchers and practioneers will find this compilation of longitudinal data useful and a stimulus to further research on student growth and development.

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Table 1

SCAT VERBAL, FORM 5B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1832	254.67	12.19	225.00	285.00	239.01	244.76	253.37	262.82	270.67
NON-ACADEMIC	1818	244.74	9.38	225.00	281.00	233.92	237.59	243.12	249.83	257.44
MALES	1717	248.93	12.19	225.00	285.00	234.73	239.49	245.94	256.33	267.00
FEMALES	1933	250.43	11.71	225.00	285.00	236.08	241.32	248.18	257.67	267.70
ELEM F.ED.	1050	246.63	10.05	225.00	285.00	234.94	238.80	244.52	252.12	260.18
HS F.ED.	956	249.04	11.70	225.00	285.00	235.22	240.18	246.48	255.93	266.53
COLL F.ED.	1230	254.53	12.25	225.00	285.00	238.74	244.37	253.25	262.64	270.78
D.K.F.ED.	414	244.87	11.22	225.00	285.00	231.58	236.20	242.94	250.70	260.65
BLACK	577	240.44	8.06	225.00	281.00	230.56	234.81	238.52	244.28	250.05
WHITE	3073	251.47	11.77	225.00	285.00	237.20	242.36	249.58	258.86	268.33
NOT IN SAMPLE	5061	245.67	12.03	225.00	285.00	231.50	236.37	243.10	252.09	262.98

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	239.44	5.91	225.00	249.00	233.20	235.67	238.80	242.67	246.40
A	M	ELEM	W	161	250.34	11.80	225.00	285.00	235.53	241.17	250.20	256.76	265.90
A	M	HS	B	30	243.10	9.72	228.00	269.00	232.00	235.56	240.00	248.00	257.00
A	M	HS	W	228	253.64	11.79	225.00	285.00	239.35	244.19	252.00	260.78	269.62
A	M	COLL	B	20	244.65	11.62	228.00	281.00	234.80	237.20	241.20	247.60	250.00
A	M	COLL	W	396	257.29	11.73	231.00	285.00	241.51	247.50	256.52	266.38	272.85
A	M	D.K.	B	16	241.06	5.74	230.00	254.00	234.60	237.00	241.00	244.40	247.60
A	M	D.K.	W	38	254.16	11.28	236.00	277.00	240.40	243.64	251.60	266.25	269.10
A	F	ELEM	B	37	246.65	9.67	231.00	277.00	235.54	239.25	244.36	250.75	259.20
A	F	ELEM	W	147	253.02	11.84	230.00	285.00	237.29	243.75	251.44	261.70	269.01
A	F	HS	B	27	243.07	10.05	225.00	267.00	228.80	236.20	242.75	246.50	256.60
A	F	HS	W	186	250.08	11.41	230.00	285.00	242.10	247.10	254.60	264.00	270.80
A	F	COLL	B	15	246.73	8.71	232.00	269.00	236.00	241.50	244.80	251.00	257.00
A	F	COLL	W	445	258.70	11.39	232.00	285.00	243.86	250.02	258.03	267.19	273.69
A	F	D.K.	B	13	245.00	8.41	230.00	259.00	231.20	236.50	244.50	249.50	256.80
A	F	D.K.	W	55	254.49	11.75	225.00	285.00	241.33	246.78	253.25	262.50	269.25
N	M	ELEM	B	54	239.43	5.98	227.00	252.00	230.80	235.24	237.81	243.40	247.28
N	M	ELEM	W	239	244.01	8.41	225.00	273.00	234.10	238.06	242.92	248.11	254.07
N	M	HS	B	49	239.02	8.45	225.00	264.00	227.66	233.25	237.83	242.87	250.13
N	M	HS	W	170	245.62	10.37	225.00	281.00	234.00	238.69	243.64	250.95	259.14
N	M	COLL	B	21	240.24	8.04	225.00	257.00	230.13	234.20	239.00	245.75	249.87
N	M	COLL	W	140	247.66	10.10	227.00	281.00	235.07	240.22	245.86	253.60	261.20
N	M	D.K.	B	51	235.80	6.73	225.00	255.00	227.55	230.92	234.74	237.42	243.90
N	M	D.K.	W	86	243.36	10.20	225.00	277.00	231.28	236.11	241.47	247.80	257.20
N	F	ELEM	B	85	240.20	6.59	225.00	261.00	231.75	235.27	238.64	243.10	249.67
N	F	ELEM	W	309	247.14	7.98	231.00	277.00	236.58	240.61	245.40	252.11	258.02
N	F	HS	B	55	239.89	6.53	227.00	257.00	231.00	234.83	237.89	243.70	248.50
N	F	HS	W	211	246.96	9.09	229.00	277.00	235.92	240.02	245.25	251.57	258.76
N	F	COLL	B	22	239.32	7.34	232.00	267.00	232.93	234.91	236.91	240.50	245.60
N	F	COLL	W	171	248.46	9.81	225.00	277.00	236.76	240.47	245.39	254.08	261.71
N	F	D.K.	B	64	237.75	6.04	225.00	257.00	230.33	232.59	236.86	242.29	245.03
N	F	D.K.	W	91	247.33	9.58	228.00	277.00	235.82	240.50	245.18	252.06	261.12
TOTAL				3650	249.72	11.96	225.00	285.00	235.38	240.42	247.21	257.05	267.39

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 2

SCAT VERBAL, FORM 4B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1797	269.30	12.51	232.00	301.00	252.41	260.26	269.07	277.68	284.70
NON-ACADEMIC	1789	257.60	10.69	232.00	297.00	243.59	249.77	256.42	264.09	270.96
MALES	1687	263.17	13.41	232.00	301.00	245.66	252.99	261.97	271.31	280.49
FEMALES	1899	263.72	12.67	232.00	301.00	247.74	253.77	262.50	271.26	280.46
ELEM F.ED.	1024	259.67	11.29	232.00	301.00	245.29	251.04	258.49	266.52	274.16
HS F.ED.	938	262.45	12.60	232.00	301.00	246.42	252.78	261.50	270.20	278.83
COLL F.ED.	1220	269.15	12.60	232.00	301.00	252.38	259.51	269.08	277.70	284.65
D.K.F.ED.	404	258.21	13.10	232.00	297.00	241.63	249.10	255.93	266.00	276.16
BLACK	565	252.69	9.95	232.00	288.00	240.23	245.38	251.13	258.23	266.08
WHITE	3021	265.48	12.53	232.00	301.00	249.39	255.96	264.35	272.89	281.78
NOT IN SAMPLE	4396	258.15	13.97	232.00	301.00	240.32	247.58	256.00	267.52	277.41

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	253.83	11.18	232.00	277.00	239.20	246.00	253.33	261.50	264.80
A	M	ELEM	W	159	265.67	12.70	232.00	301.00	248.63	256.21	264.35	273.93	281.05
A	M	HS	B	29	255.48	11.89	234.00	282.00	241.80	247.25	251.71	265.00	270.80
A	M	HS	W	222	267.82	12.66	232.00	301.00	251.40	258.95	267.52	275.68	283.02
A	M	COLL	B	20	257.45	12.42	236.00	288.00	242.00	250.00	255.20	261.33	272.00
A	M	COLL	W	391	272.94	11.78	238.00	301.00	257.35	264.82	271.57	280.57	287.10
A	M	D.K.	B	16	254.75	9.01	236.00	270.00	242.40	249.60	254.00	260.00	265.60
A	M	D.K.	W	36	270.08	11.07	241.00	291.00	257.28	261.60	269.00	278.00	284.53
A	F	ELEM	B	37	258.89	8.46	247.00	274.00	247.70	250.63	257.67	266.33	270.46
A	F	ELEM	W	136	266.88	11.87	238.00	294.00	250.40	258.86	266.57	275.43	283.40
A	F	HS	B	26	257.96	11.46	243.00	282.00	244.80	249.00	254.00	266.00	276.80
A	F	HS	W	181	270.59	10.84	248.00	297.00	255.27	261.65	269.74	277.72	284.51
A	F	COLL	B	15	260.20	8.12	245.00	274.00	247.00	255.00	259.50	265.00	271.00
A	F	COLL	W	444	272.88	11.08	236.00	301.00	257.99	264.74	271.45	280.08	286.24
A	F	D.K.	B	13	259.38	10.78	240.00	278.00	245.20	252.33	258.00	266.33	274.80
A	F	D.K.	W	54	270.26	12.47	234.00	297.00	255.52	261.25	268.36	279.00	286.13
N	M	ELEM	B	53	251.47	8.29	237.00	270.00	240.65	244.63	250.17	256.50	262.70
N	M	ELEM	W	235	257.11	9.44	236.00	286.00	244.10	250.03	256.33	262.57	269.12
N	M	HS	B	48	251.50	10.88	232.00	278.00	236.80	245.00	250.00	258.00	266.40
N	M	HS	W	167	258.81	10.59	232.00	286.00	244.85	251.26	258.17	265.53	271.13
N	M	COLL	B	20	252.65	8.08	232.00	267.00	244.67	246.67	252.00	258.00	262.67
N	M	COLL	W	138	263.54	10.42	237.00	291.00	250.17	255.89	262.59	270.52	276.48
N	M	D.K.	B	50	247.76	9.97	232.00	275.00	233.33	240.91	246.29	252.40	260.00
N	M	D.K.	W	85	256.25	11.07	232.00	297.00	243.00	249.56	254.87	262.11	269.50
N	F	ELEM	B	85	251.00	7.47	234.00	270.00	241.08	244.93	250.00	255.58	260.40
N	F	ELEM	W	301	259.59	9.52	232.00	297.00	247.81	252.85	259.00	265.34	271.14
N	F	HS	B	53	252.11	8.73	234.00	272.00	240.58	244.20	252.62	255.94	263.40
N	F	HS	W	212	259.32	9.92	237.00	291.00	246.22	251.35	258.75	265.60	271.45
N	F	COLL	B	21	250.05	11.18	237.00	284.00	238.10	242.50	247.00	251.75	263.60
N	F	COLL	W	171	261.81	10.85	232.00	294.00	248.62	253.25	260.10	268.85	276.97
N	F	D.K.	B	61	249.48	8.45	232.00	278.00	238.05	243.00	249.08	253.92	258.90
N	F	D.K.	W	89	260.29	10.97	236.00	288.00	247.92	251.79	258.75	266.82	276.10
TOTAL				3586	263.46	13.02	232.00	301.00	246.72	253.42	262.25	271.28	280.48

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 3

SCAT VERBAL, FORM 3B, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1654	282.10	12.28	240.00	315.00	264.88	274.79	283.18	289.54	295.73
NON-ACADEMIC	1736	268.90	12.61	240.00	306.00	251.85	259.25	268.45	278.29	284.83
MALES	1590	275.37	14.17	240.00	315.00	255.04	265.00	276.25	285.24	291.81
FEMALES	1800	275.31	14.01	240.00	315.00	255.59	264.69	276.13	285.30	291.76
ELEM F.ED.	1032	271.81	13.08	240.00	315.00	254.22	262.30	271.64	280.89	287.78
HS F.ED.	911	274.77	13.47	240.00	315.00	255.64	264.82	275.88	283.95	290.42
COLL F.ED.	1050	281.82	12.69	240.00	315.00	263.41	274.17	283.41	289.57	295.87
D.K.F.ED.	397	268.67	14.82	240.00	309.00	250.07	256.17	267.71	279.39	287.84
BLACK	569	262.89	12.60	240.00	309.00	246.96	253.77	261.25	271.07	280.01
WHITE	2821	277.85	13.00	240.00	315.00	259.67	268.32	278.53	286.59	292.82
NOT IN SAMPLE	4695	269.47	15.06	240.00	315.00	249.20	257.83	268.70	280.42	288.42

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	269.22	11.11	240.00	287.00	257.20	263.50	268.00	275.00	286.40
A	M	ELEM	W	158	278.30	13.33	240.00	315.00	260.90	268.83	279.64	286.11	292.76
A	M	HS	B	30	266.53	13.44	243.00	288.00	246.00	257.00	264.67	277.33	284.67
A	M	HS	W	213	281.56	10.82	245.00	309.00	267.72	274.92	281.92	287.89	294.49
A	M	COLL	B	19	271.47	14.37	249.00	309.00	251.80	263.00	269.33	277.00	290.40
A	M	COLL	W	341	286.13	10.45	240.00	315.00	272.03	279.83	286.35	292.09	297.69
A	M	D.K.	B	16	2o7.88	11.80	243.00	286.00	252.40	260.00	268.00	276.00	283.87
A	M	D.K.	W	35	282.03	11.72	249.00	303.00	267.50	275.00	283.20	289.50	293.00
A	F	ELEM	B	37	272.57	10.27	251.00	291.00	259.40	264.43	272.00	279.00	286.40
A	F	ELEM	W	145	279.28	13.42	245.00	315.00	259.40	270.90	279.87	288.36	293.54
A	F	HS	B	27	267.89	15.14	240.00	291.00	248.80	256.33	267.00	279.67	290.40
A	F	HS	W	174	283.50	10.39	252.00	315.00	269.29	276.30	283.24	289.76	295.72
A	F	COLL	B	13	274.69	10.62	256.00	291.00	259.20	267.67	276.00	280.33	288.80
A	F	COLL	W	362	286.43	9.52	259.00	309.00	273.80	280.24	286.46	291.82	297.84
A	F	D.K.	B	13	271.46	16.58	247.00	303.00	248.60	262.33	272.00	281.00	292.80
A	F	D.K.	W	53	282.87	11.52	251.00	309.00	267.84	275.44	282.22	289.80	297.70
N	M	ELEM	B	54	261.48	10.84	240.00	281.00	250.18	253.78	260.22	270.33	276.08
N	M	ELEM	W	234	269.56	11.37	240.00	291.00	253.76	261.57	269.87	277.29	284.02
N	M	HS	B	46	261.93	13.00	240.00	288.00	244.60	251.50	260.00	270.40	281.20
N	M	HS	W	160	271.88	12.05	240.00	298.00	256.22	263.11	272.15	280.08	286.00
N	M	COLL	B	21	262.71	11.51	240.00	284.00	250.88	253.40	261.00	269.50	277.87
N	M	COLL	W	116	275.17	11.94	243.00	303.00	258.60	266.47	276.18	284.11	288.24
N	M	D.K.	B	50	258.16	11.17	240.00	285.00	246.00	250.55	255.33	264.00	278.00
N	M	D.K.	W	79	266.78	12.44	240.00	300.00	251.05	256.50	266.17	274.14	282.13
N	F	ELEM	B	85	260.22	11.19	240.00	285.00	245.50	253.40	259.20	265.91	277.00
N	F	ELEM	W	301	271.72	11.03	240.00	296.00	256.70	263.92	271.20	279.75	285.43
N	F	HS	B	55	260.22	10.15	240.00	283.00	248.00	253.44	258.86	265.67	272.00
N	F	HS	W	206	271.50	11.05	240.00	292.00	256.04	262.75	271.33	279.93	284.93
N	F	COLL	B	22	259.23	11.75	240.00	290.00	246.40	252.00	258.00	265.33	275.60
N	F	COLL	W	156	274.27	12.06	240.00	306.00	257.30	265.38	274.44	282.53	288.77
N	F	D.K.	B	63	256.43	9.90	240.00	281.00	243.53	249.83	255.63	261.57	270.70
N	F	D.K.	W	86	270.95	12.23	240.00	296.00	254.90	260.80	270.33	280.00	286.16
TOTAL				3390	275.34	14.09	240.00	315.00	255.36	264.84	276.19	285.27	291.78

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 4

SCAT VERBAL, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1809	290.32	13.17	243.00	327.00	272.44	281.20	290.61	298.91	305.67
NON-ACADEMIC	1775	275.21	12.73	241.00	323.00	257.59	266.18	274.61	283.92	291.51
MALES	1680	283.01	15.06	241.00	327.00	262.67	272.37	283.04	293.26	301.53
FEMALES	1904	282.68	14.94	241.00	323.00	263.09	271.53	282.47	293.01	301.48
ELEM F.ED.	1041	278.02	13.02	243.00	323.00	260.65	268.65	276.82	287.38	294.41
HS F.ED.	952	282.04	14.32	241.00	327.00	263.22	271.73	281.61	291.24	299.92
COLL F.ED.	1221	289.79	13.89	243.00	327.00	270.70	279.60	290.45	299.06	305.84
D.K.F.ED.	370	275.48	16.06	241.00	323.00	254.26	263.62	273.87	287.13	295.81
BLACK	552	270.64	13.10	241.00	311.00	252.95	261.21	269.44	278.46	287.72
WHITE	3032	285.06	14.23	242.00	327.00	266.04	274.47	285.32	294.63	302.55
NOT IN SAMPLE	3547	279.13	15.82	241.00	327.00	256.90	267.76	278.55	289.75	299.01

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	275.00	11.75	243.00	293.00	263.20	268.67	276.00	282.00	292.40
A	M	ELEM	W	158	285.14	13.41	244.00	323.00	266.53	275.44	287.20	293.75	299.14
A	M	HS	B	30	276.93	14.35	243.00	300.00	256.00	264.67	277.60	288.50	293.33
A	M	HS	W	225	290.12	12.18	252.00	327.00	274.14	280.69	289.89	297.75	304.93
A	M	COLL	B	20	281.35	14.64	258.00	311.00	260.00	272.00	280.00	288.00	300.00
A	M	COLL	W	393	294.35	11.79	262.00	327.00	277.62	286.20	294.39	301.74	307.96
A	M	D.K.	B	16	276.81	11.78	254.00	295.00	262.40	266.67	277.33	286.67	290.80
A	M	D.K.	W	32	289.53	12.28	267.00	315.00	270.20	279.00	290.00	296.00	305.80
A	F	ELEM	B	37	278.51	9.42	258.00	296.00	266.80	271.00	276.40	285.40	290.30
A	F	ELEM	W	147	286.88	13.45	251.00	316.00	267.76	276.87	287.47	295.48	302.55
A	F	HS	B	26	277.04	16.02	246.00	307.00	250.40	268.50	276.00	287.00	297.60
A	F	HS	W	186	290.64	11.45	258.00	319.00	275.38	282.57	289.66	298.64	304.23
A	F	COLL	B	15	283.27	10.67	265.00	302.00	267.00	277.50	284.40	287.40	301.00
A	F	COLL	W	444	294.44	11.41	263.00	323.00	278.23	286.52	294.44	301.51	307.69
A	F	D.K.	B	12	282.67	13.59	264.00	306.00	264.40	268.00	282.00	293.33	295.73
A	F	D.K.	W	50	289.68	15.48	244.00	323.00	272.00	278.50	289.50	299.50	309.33
N	M	ELEM	B	55	267.60	9.95	244.00	286.00	252.86	259.67	268.55	276.10	279.40
N	M	ELEM	W	234	275.21	10.83	251.00	301.00	259.29	267.90	274.98	282.25	289.15
N	M	HS	B	48	269.75	13.29	241.00	297.00	253.07	261.14	269.33	278.00	288.27
N	M	HS	W	171	277.01	12.55	248.00	315.00	259.40	267.94	277.09	285.31	291.97
N	M	COLL	B	20	268.80	11.08	248.00	288.00	250.00	260.00	269.00	276.00	280.00
N	M	COLL	W	140	282.79	12.52	251.00	323.00	266.22	273.25	283.64	291.75	296.40
N	M	D.K.	B	41	266.66	11.89	246.00	300.00	252.07	256.50	265.00	271.83	279.80
N	M	D.K.	W	79	272.70	14.19	242.00	310.00	253.52	261.75	273.38	282.25	290.48
N	F	ELEM	B	84	267.37	11.19	246.00	294.00	252.15	258.67	266.20	273.14	283.47
N	F	ELEM	W	308	277.16	10.79	244.00	300.00	263.07	269.20	275.92	285.19	291.63
N	F	HS	B	54	268.15	10.70	241.00	297.00	253.92	260.86	268.00	274.57	281.60
N	F	HS	W	212	277.63	11.50	242.00	311.00	263.28	268.52	277.00	285.57	291.48
N	F	COLL	B	21	266.71	13.00	243.00	298.00	250.00	257.67	263.50	273.50	281.80
N	F	COLL	W	168	279.62	12.49	244.00	312.00	264.45	271.38	278.29	288.00	296.60
N	F	D.K.	B	55	262.05	11.01	241.00	294.00	247.19	253.88	260.86	269.25	275.14
N	F	D.K.	W	85	276.09	13.77	242.00	310.00	258.50	265.91	274.37	285.87	294.00
TOTAL				3584	282.84	15.00	241.00	327.00	262.90	271.97	282.71	293.13	301.50

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 5

SCAT VERBAL, FORM 5B, GRADE 5, 1961

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	228144519.0000	3649			
MEAN	227622549.9614	1	227622549.9614	1591271.0000	0.0000
ERROR	521969.0386	3648	143.0445		
CUR	49514.6458	1	49514.6458	474.0303	0.0000
SEX	3717.9768	1	3717.9768	35.5942	0.0001
F.ED	9802.3720	3	3267.4573	31.2811	0.0000
RACE	31248.5734	1	31248.5734	299.1594	0.0000
ERROR	380527.7785	3642	104.4546		
CS	46.2008	1	46.2008	0.4463	0.5042
CF	1539.8185	3	513.2728	4.9583	0.0020
CR	1108.1906	1	1108.1906	10.7052	0.0012
SF	559.4794	3	186.4931	1.8015	0.1447
SR	47.3761	1	47.3761	0.4577	0.4990
FR	717.6311	3	239.2104	2.3108	0.0743
ERROR	375875.1847	3630	103.5184		
CSF	195.8596	3	65.2865	0.6298	0.5955
CSR	205.7286	1	205.7286	1.9847	0.1591
CFR	117.9421	3	39.3140	0.3793	0.7679
SFR	24.8325	3	8.2775	0.0799	0.9709
ERROR	375342.2018	3620	103.6571		
CSFR	335.4808	3	111.8269	1.0789	0.3567
ERROR	375006.7209	3617	103.6503		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 6

SCAT VERBAL, FORM 4B, GRADE 7, 1963

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	249518872.0000	3585			
MEAN	248910437.9624	1	248910437.9624	1466623.0000	0.0000
ERROR	608434.0376	3584	169.7167		
CUR	67358.2050	1	67358.2050	572.6140	0.0000
SEX	1176.0893	1	1176.0893	9.9980	0.0018
F.ED	13510.7366	3	4503.5789	38.2850	0.0000
RACE	41031.1957	1	41031.1957	348.8074	0.0000
ERROR	421007.6569	3578	117.6328		
CS	202.3478	1	202.3478	1.7350	0.1882
CF	952.6392	3	317.5464	2.7227	0.0428
CR	1132.8175	1	1132.8175	9.7131	0.0020
SF	1404.3308	3	468.1103	4.0137	0.0074
SR	10.2093	1	10.2093	0.0875	0.7674
FR	973.5131	3	324.5044	2.7824	0.0396
ERROR	416011.5653	3566	116.6279		
CSF	489.4407	3	163.1469	1.3981	0.2415
CSR	356.0786	1	356.0786	3.0514	0.0809
CFR	132.8779	3	44.2926	0.3796	0.7677
SFR	16.2068	3	5.4023	0.0463	0.9870
ERROR	415073.8118	3556	116.6921		
CSFR	235.2312	3	78.4104	0.6718	0.5692
ERROR	414838.5806	3553	116.7245		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 7

SCAT VERBAL, FORM 3B, GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	257670812.0000	3389			
MEAN	256997949.4619	1	256997949.4619	1294418.0000	0.0000
ERROR	672862.5381	3388	198.5432		
CUR	82380.2951	1	82380.2951	634.2532	0.0000
SEX	613.5077	1	613.5077	4.7234	0.0299
F.ED	14647.6088	3	4882.5363	37.5911	0.0000
RACE	58713.8517	1	58713.8517	452.0430	0.0000
ERROR	439402.3722	3382	129.8855		
CS	223.8007	1	223.8007	1.7340	0.1882
CF	1674.1438	3	558.0479	4.3237	0.0048
CR	61.6049	1	61.6049	0.4773	0.4898
SF	727.1122	3	242.3707	1.8779	0.1311
SR	278.7857	1	278.7857	2.1600	0.1421
FR	1178.6274	3	392.8758	3.0440	0.0278
ERROR	435085.0926	3370	129.0671		
CSF	369.1592	3	123.0531	0.9544	0.4133
CSR	489.7242	1	489.7242	3.7983	0.0515
CFR	750.4451	3	250.1484	1.9402	0.1210
SFR	85.7826	3	28.5942	0.2218	0.8813
ERROR	433341.0315	3360	128.9322		
CSFR	192.7257	3	64.2419	0.4980	0.6836
ERROR	433148.3058	3357	128.9900		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE B

SCAT VERBAL, FORM 2B, GRADE 11, 1967

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	287510287.0000	3583			
MEAN	286704103.2147	1	286704103.2147	1274226.0000	0.0000
ERROR	806183.7853	3582	225.0025		
CUR	117864.1499	1	117864.1499	808.6404	0.0000
SEX	187.1933	1	187.1933	1.2843	0.2574
F.ED	21668.5676	3	7222.8559	49.5544	0.0000
RACE	45999.3245	1	45999.3245	315.5913	0.0000
ERROR	521368.7646	3576	145.7559		
CS	299.3619	1	299.3619	2.0671	0.1510
CF	2299.2173	3	766.4058	5.2922	0.0014
CR	188.8628	1	188.8628	1.3041	0.2537
SF	1236.7402	3	412.2467	2.8466	0.0363
SR	212.2484	1	212.2484	1.4656	0.2265
FR	695.2874	3	231.7625	1.6004	0.1872
ERROR	516279.7303	3564	144.8191		
CSF	471.0053	3	157.0018	1.0846	0.3542
CSR	419.1991	1	419.1991	2.8960	0.0891
CFR	589.9910	3	196.6637	1.3586	0.2536
SFR	252.2507	3	84.0836	0.5809	0.6272
ERROR	514596.0455	3554	144.7528		
CSFR	437.1839	3	145.7280	1.0067	0.3887
ERROR	514158.8616	3551	144.7520		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interactio
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 9

SCAT VERBAL, 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1581	273.63	11.70	235.00	305.00	258.17	265.51	273.76	281.50	288.51
NON-ACADEMIC	1636	261.74	10.35	235.25	296.75	248.19	254.00	261.27	268.62	275.37
MALES	1513	267.37	12.68	235.00	305.00	250.43	258.12	266.81	275.94	284.04
FEMALES	1704	267.77	12.40	235.25	301.75	251.83	258.37	267.24	276.24	284.57
ELEM F.ED.	985	264.13	11.02	235.00	305.00	249.88	255.90	263.65	271.14	278.86
HS F.ED.	874	266.93	12.06	235.75	303.75	250.93	258.16	266.76	274.88	283.15
COLL F.ED.	1017	273.33	12.06	235.25	304.25	256.92	264.42	273.86	281.51	288.58
D.K.F.ED.	341	262.09	12.74	236.75	301.75	245.79	252.85	260.95	270.03	279.51
BLACK	512	257.05	10.05	235.00	297.25	244.64	249.31	255.72	263.60	270.49
WHITE	2705	269.58	11.95	235.25	305.00	253.84	260.95	269.16	277.66	285.57
NOT IN SAMPLE	233	261.12	12.34	234.50	293.25	245.17	251.63	260.54	270.04	278.20

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	259.38	8.83	235.00	274.25	251.20	254.50	259.00	265.50	268.80
A	M	ELEM	W	153	269.79	12.07	238.75	305.00	253.31	261.94	270.24	277.12	283.57
A	M	HS	B	29	260.10	11.05	243.00	284.00	247.80	250.83	258.50	271.00	275.28
A	M	HS	W	204	272.99	10.89	241.75	303.75	259.54	265.38	272.15	280.00	287.60
A	M	COLL	B	19	263.58	12.74	245.25	297.25	249.80	255.50	261.67	266.50	284.40
A	M	COLL	W	331	277.15	10.55	244.50	304.25	262.68	269.80	277.25	284.52	290.61
A	M	D.K.	B	16	260.13	8.80	242.00	272.00	246.40	254.67	260.00	268.00	270.40
A	M	D.K.	W	30	273.43	10.81	250.25	293.25	261.33	264.67	272.00	282.50	287.00
A	F	ELEM	B	37	264.16	8.05	250.00	280.50	251.70	257.63	264.29	269.83	275.07
A	F	ELEM	W	134	271.72	12.08	244.75	296.00	254.27	264.40	271.81	281.12	287.13
A	F	HS	B	25	261.82	12.54	241.75	284.25	245.00	253.25	259.50	267.80	279.50
A	F	HS	W	167	274.88	9.85	251.25	299.25	261.58	267.69	274.33	281.40	288.15
A	F	COLL	B	13	266.13	9.51	249.50	284.00	253.20	260.50	267.00	270.75	278.80
A	F	COLL	W	349	277.80	9.94	252.75	301.75	264.52	270.92	277.44	284.53	290.75
A	F	D.K.	B	12	265.81	11.03	247.75	285.50	252.80	257.33	264.00	272.00	279.20
A	F	D.K.	W	44	274.74	13.04	238.50	301.75	260.32	266.00	273.71	284.00	293.20
N	M	ELEM	B	51	255.20	7.26	243.50	270.25	245.38	248.78	254.20	261.12	265.27
N	M	ELEM	W	222	261.64	8.75	243.00	286.25	249.94	255.21	261.44	267.70	272.32
N	M	HS	B	41	255.56	11.07	235.75	281.75	242.80	247.00	253.50	262.37	271.80
N	M	HS	W	157	263.19	10.43	239.00	293.00	249.90	255.14	263.18	269.82	275.57
N	M	COLL	B	19	256.64	8.98	241.25	272.50	243.80	249.40	256.40	264.33	268.40
N	M	COLL	W	112	267.15	10.70	243.00	296.75	253.60	259.69	266.91	274.82	279.37
N	M	D.K.	B	37	252.55	9.64	236.75	278.00	242.16	245.44	250.80	255.87	266.60
N	M	D.K.	W	74	259.46	9.81	240.50	280.50	246.72	252.20	259.27	266.00	273.28
N	F	ELEM	B	78	254.52	8.04	239.50	274.75	243.87	249.00	253.80	258.62	266.40
N	F	ELEM	W	292	264.00	9.09	243.00	288.50	252.03	257.33	263.76	269.83	275.82
N	F	HS	B	49	255.31	8.27	239.50	276.00	243.90	248.71	255.71	259.92	266.10
N	F	HS	W	202	263.90	9.58	240.50	287.75	252.03	256.52	263.37	270.97	275.49
N	F	COLL	B	20	254.16	10.23	239.75	284.75	242.00	248.67	252.00	257.33	266.00
N	F	COLL	W	154	265.83	10.42	235.25	290.25	252.98	258.37	264.38	273.00	281.31
N	F	D.K.	B	48	252.04	7.80	241.00	277.50	243.84	245.75	252.31	256.00	263.20
N	F	D.K.	W	80	263.57	10.53	238.00	290.25	251.00	256.00	262.55	269.50	278.40
TOTAL				3217	267.58	12.54	235.00	305.00	251.11	258.26	267.04	276.10	284.36

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 10

SCAT VERBAL, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1581	26.96	6.11	1.12	49.86	19.10	22.97	26.92	30.97	34.97
NON-ACADEMIC	1636	22.89	6.43	0.89	54.56	14.42	18.50	22.88	27.02	30.96
MALES	1513	25.60	6.68	0.89	54.56	17.13	21.13	25.57	30.04	34.13
FEMALES	1704	24.26	6.46	1.12	49.86	15.83	19.93	24.18	28.47	32.65
ELEM F.ED.	985	23.76	6.31	1.12	44.50	15.78	19.38	23.68	27.85	31.71
HS F.ED.	874	24.92	6.67	0.89	49.86	16.34	20.54	24.95	29.53	33.36
COLL F.ED.	1017	26.58	6.11	1.34	47.40	18.66	22.63	26.47	30.68	34.51
D.K.F.ED.	341	23.01	7.40	3.80	54.56	13.19	17.83	22.53	27.64	32.43
BLACK	512	22.45	6.99	1.12	41.81	13.28	17.47	22.33	27.02	31.49
WHITE	2705	25.35	6.42	0.89	54.56	17.18	20.99	25.24	29.61	33.69
NOT IN SAMPLE	233	24.53	7.39	3.58	50.54	14.96	19.84	24.19	29.47	34.09

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	27.29	7.01	13.86	38.24	17.70	23.25	27.30	31.00	38.24
A	M	ELEM	W	153	26.24	5.89	8.05	40.92	18.18	22.79	26.72	29.97	33.92
A	M	HS	B	29	25.00	7.39	6.26	38.68	16.20	20.89	24.60	27.96	35.60
A	M	HS	W	204	27.62	6.07	10.51	42.26	19.35	23.73	27.83	31.60	34.70
A	M	COLL	B	19	27.70	6.67	16.32	39.13	16.35	23.25	28.00	32.85	34.80
A	M	COLL	W	331	27.95	5.99	1.34	46.06	20.31	23.96	27.90	31.76	35.85
A	M	D.K.	B	16	26.92	6.90	16.55	40.70	19.80	21.00	26.50	31.50	38.70
A	M	D.K.	W	30	26.90	6.87	15.88	46.73	19.50	21.75	25.50	31.12	36.00
A	F	ELEM	B	37	24.43	7.46	1.12	39.58	15.20	20.34	24.25	29.55	34.80
A	F	ELEM	W	134	25.66	6.13	10.51	44.50	17.60	21.29	25.18	29.84	34.12
A	F	HS	B	25	24.85	7.22	7.38	37.57	15.00	20.75	26.00	30.37	33.75
A	F	HS	W	167	26.57	6.00	10.51	49.86	18.51	23.11	26.43	30.12	33.92
A	F	COLL	B	13	27.33	4.65	19.45	36.00	22.80	24.75	27.00	30.75	34.05
A	F	COLL	W	349	27.22	5.63	12.30	44.05	20.04	23.24	26.91	31.08	34.90
A	F	D.K.	B	12	27.19	7.58	15.65	39.80	17.10	21.00	27.00	34.50	37.20
A	F	D.K.	W	44	26.34	6.40	12.52	37.79	17.55	21.00	27.17	30.83	34.26
N	M	ELEM	B	51	21.15	6.61	1.57	39.35	12.08	17.75	21.75	24.87	28.44
N	M	ELEM	W	222	23.65	6.12	8.72	42.93	16.52	19.08	23.42	27.59	32.02
N	M	HS	B	41	22.46	6.82	6.93	36.22	13.58	17.85	22.71	27.75	31.44
N	M	HS	W	157	23.90	6.91	0.89	43.83	15.94	19.64	23.85	28.23	31.40
N	M	COLL	B	19	20.75	4.98	13.64	28.85	14.64	16.35	20.63	24.19	28.65
N	M	COLL	W	112	26.01	5.74	10.06	38.24	18.19	22.50	26.13	30.09	33.53
N	M	D.K.	B	37	22.53	5.99	12.97	34.44	14.20	17.72	22.20	26.06	30.80
N	M	D.K.	W	74	23.11	8.74	7.38	54.56	12.20	16.91	22.90	27.56	35.10
N	F	ELEM	B	78	20.25	6.33	7.83	41.81	12.24	15.23	19.12	24.00	28.62
N	F	ELEM	W	292	22.77	5.65	5.14	40.47	15.79	19.05	22.73	26.34	29.92
N	F	HS	B	49	20.74	6.40	3.58	32.87	11.40	16.13	21.45	24.61	29.76
N	F	HS	W	202	23.13	6.09	8.05	39.35	14.94	18.75	22.84	27.84	31.16
N	F	COLL	B	20	20.92	6.39	9.62	30.19	12.00	16.50	20.25	26.50	29.50
N	F	COLL	W	154	23.87	6.21	4.25	47.40	16.35	19.98	23.68	27.29	31.68
N	F	D.K.	B	48	18.23	5.52	7.16	27.73	11.26	13.23	18.00	22.12	26.10
N	F	D.K.	W	80	21.31	6.26	3.80	33.99	12.64	17.42	21.70	25.50	29.25
TOTAL				3217	24.89	6.60	0.89	54.56	16.58	20.41	24.82	29.28	33.46

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 11

SCAT VERBAL, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1581	-3.45	4.85	-22.50	25.50	-9.24	-6.38	-3.32	-0.29	2.53
NON-ACADEMIC	1636	-3.42	4.86	-27.50	18.50	-9.26	-6.34	-3.23	-0.23	2.63
MALES	1513	-3.56	5.18	-27.50	22.50	-9.61	-6.69	-3.45	-0.17	2.99
FEMALES	1704	-3.33	4.55	-24.50	25.50	-8.86	-6.06	-3.14	-0.34	2.19
ELEM F.ED.	985	-3.41	4.82	-27.50	18.50	-9.22	-6.36	-3.28	-0.31	2.66
HS F.ED.	874	-3.23	4.94	-22.50	22.50	-9.02	-6.27	-3.20	-0.05	2.95
COLL F.ED.	1017	-3.60	4.78	-24.50	25.50	-9.40	-6.44	-3.38	-0.38	2.19
D.K.F.ED.	341	-3.57	4.95	-21.50	15.00	-9.49	-6.38	-3.15	-0.32	2.36
BLACK	512	-2.46	5.09	-27.50	20.50	-8.67	-5.50	-2.27	0.95	3.79
WHITE	2705	-3.62	4.79	-24.50	25.50	-9.33	-6.49	-3.44	-0.53	2.15
NOT IN SAMPLE	233	-3.80	5.57	-24.00	24.50	-9.97	-6.92	-3.59	-0.21	2.33

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	-4.31	6.20	-15.50	5.50	-11.10	-8.63	-5.25	1.88	3.90
A	M	ELEM	W	153	-4.22	4.68	-16.00	11.00	-9.62	-7.04	-3.92	-1.58	1.46
A	M	HS	B	29	-1.17	6.45	-19.00	20.50	-6.55	-4.39	-1.25	2.37	4.65
A	M	HS	W	204	-2.84	5.40	-22.50	22.50	-9.33	-6.33	-2.84	0.59	3.70
A	M	COLL	B	19	-1.63	4.32	-11.50	5.50	-6.60	-4.05	-1.25	1.13	4.65
A	M	COLL	W	331	-3.84	5.08	-20.00	18.00	-9.81	-6.89	-3.72	-0.41	2.36
A	M	D.K.	B	16	-2.38	5.13	-12.50	6.00	-8.70	-5.50	-2.25	1.50	5.10
A	M	D.K.	W	30	-3.72	5.70	-18.00	12.50	-9.50	-7.13	-3.30	-0.75	1.50
A	F	ELEM	B	37	-3.15	5.75	-16.50	14.50	-9.45	-6.34	-3.56	0.37	3.15
A	F	ELEM	W	134	-2.98	4.71	-13.00	14.00	-8.82	-6.05	-2.92	0.15	3.15
A	F	HS	B	25	-3.24	5.65	-16.00	9.50	-10.00	-6.56	-3.00	-0.13	5.25
A	F	HS	W	167	-3.84	4.15	-18.00	6.50	-8.83	-6.09	-3.46	-1.02	1.25
A	F	COLL	B	13	-2.65	4.65	-11.00	4.00	-9.60	-6.25	-2.25	1.25	3.20
A	F	COLL	W	349	-3.32	4.38	-15.00	25.50	-8.45	-5.97	-3.18	-0.46	1.51
A	F	D.K.	B	12	-2.71	4.71	-12.00	3.50	-9.90	-4.50	-2.25	0.0	1.35
A	F	D.K.	W	44	-4.58	3.25	-10.50	2.00	-9.03	-6.95	-4.13	-2.06	0.04
N	M	ELEM	B	51	-3.11	6.09	-27.50	6.00	-9.68	-6.40	-2.57	1.84	3.93
N	M	ELEM	W	222	-3.72	4.97	-21.00	15.00	-9.45	-6.68	-3.54	-0.81	2.35
N	M	HS	B	41	-2.59	5.17	-11.50	12.50	-8.95	-6.28	-2.67	0.75	5.17
N	M	HS	W	157	-4.00	5.05	-20.50	14.00	-9.84	-7.26	-4.35	-0.56	2.03
N	M	COLL	B	19	-3.39	3.47	-11.50	4.00	-7.80	-4.75	-3.15	-1.72	0.60
N	M	COLL	W	112	-4.17	4.78	-16.00	7.50	-10.03	-6.98	-4.06	-0.71	2.34
N	M	D.K.	B	37	-2.14	4.70	-12.50	11.00	-7.80	-4.88	-1.36	1.16	3.65
N	M	D.K.	W	74	-3.56	6.12	-21.50	15.00	-10.95	-6.46	-3.20	-0.23	4.76
N	F	ELEM	B	78	-1.76	4.23	-11.50	9.50	-7.23	-4.13	-2.04	0.48	3.60
N	F	ELEM	W	292	-3.41	4.41	-16.00	18.50	-9.03	-6.17	-3.23	-0.48	2.03
N	F	HS	B	49	-2.12	3.83	-10.50	3.50	-7.56	-3.96	-1.92	0.94	3.03
N	F	HS	W	202	-3.21	4.73	-16.50	17.50	-8.29	-6.09	-3.35	-0.41	2.70
N	F	COLL	B	20	-1.33	5.80	-14.00	8.00	-7.50	-5.25	-2.10	3.50	6.00
N	F	COLL	W	154	-3.93	4.94	-24.50	11.50	-9.93	-6.62	-3.30	-0.54	1.38
N	F	D.K.	B	48	-2.91	5.21	-16.00	8.00	-10.02	-6.38	-1.88	0.86	3.60
N	F	D.K.	W	80	-4.38	3.98	-18.00	3.50	-9.41	-6.56	-3.60	-1.60	0.70
TOTAL				3217	-3.44	4.85	-27.50	25.50	-9.25	-6.36	-3.27	-0.26	2.58

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 12

SCAT VERBAL, 0 ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	230843581.0000	3216			
MEAN	230337867.8179	1	230337867.8179	1464795.0000	0.0000
ERROR	505713.1821	3215	157.2492		
CUR	68293.1345	1	68293.1345	658.3672	0.0000
SEX	1289.4632	1	1289.4632	12.4308	0.0005
F.ED	11494.6627	3	3831.5542	36.9374	0.0000
RACE	38417.1770	1	38417.1770	370.3535	0.0000
ERROR	332976.5216	3209	103.7311		
CS	262.5606	1	262.5606	2.5502	0.1106
CF	1342.7827	3	447.5942	4.3473	0.0047
CR	468.8765	1	468.8765	4.5540	0.0330
SF	901.6387	3	300.5462	2.9191	0.0330
SR	91.9768	1	91.9768	0.8933	0.3450
FR	510.9005	3	170.3002	1.6541	0.1749
ERROR	329260.5102	3197	102.9583		
CSF	178.3820	3	59.4607	0.5772	0.6298
CSR	396.7739	1	396.7739	3.8518	0.0499
CFR	261.5606	3	87.1869	0.8464	0.4682
SFR	23.7365	3	7.9122	0.0768	0.9726
ERROR	328393.3273	3187	103.0093		
CSFR	191.0480	3	63.6827	0.6180	0.6031
ERROR	328202.2793	3184	103.0463		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 13

SCAT VERBAL, 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	2132681.5650	3216			
MEAN	1992713.5371	1	1992713.5371	45785.9063	0.0000
ERROR	139968.0279	3215	43.5224		
CUR	8385.6039	1	8385.6039	219.3862	0.0000
SEX	892.8916	1	892.8916	23.3600	0.0001
F.ED	1100.8103	3	366.9368	9.5999	0.0001
RACE	1450.1122	1	1450.1122	37.9382	0.0000
ERROR	122695.8248	3209	38.2230		
CS	48.8042	1	48.8042	1.2795	0.2582
CF	198.2378	3	66.0793	1.7324	0.1582
CR	248.4408	1	248.4408	6.5132	0.0109
SF	73.7476	3	24.5825	0.6445	0.5861
SR	14.8160	1	14.8160	0.3884	0.5333
FR	55.4924	3	18.4975	0.4849	0.6925
ERROR	121984.1452	3197	38.1439		
CSF	109.6305	3	36.5435	0.9580	0.4116
CSR	0.0448	1	0.0448	0.0012	0.9727
CFR	210.9039	3	70.3013	1.8431	0.1372
SFR	80.2402	3	26.7467	0.7012	0.5510
ERROR	121602.5954	3187	38.1439		
CSFR	116.6392	3	38.8797	1.0193	0.3829
ERROR	121485.9562	3184	38.1432		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 14

SCAT VERBAL, 2ND ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	113767.0000	3216			
MEAN	37982.8441	1	37982.8441	1611.8508	0.0000
ERROR	75784.1559	3215	23.5647		
CUR	8.4644	1	8.4644	0.3619	0.5477
SEX	39.3995	1	39.3995	1.6844	0.1947
F.ED	77.0470	3	25.6823	1.0980	0.3487
RACE	586.5544	1	586.5544	25.0762	0.0000
ERROR	75084.6764	3209	23.3909		
CS	23.3612	1	23.3612	0.9996	0.3176
CF	54.8355	3	18.2785	0.7821	0.5036
CR	18.5704	1	18.5704	0.7946	0.3729
SF	213.5089	3	71.1696	3.0451	0.0278
SR	1.4367	1	1.4367	0.0615	0.8043
FR	42.5592	3	14.1864	0.6070	0.6102
ERROR	74742.3017	3197	23.3716		
CSF	205.3974	3	68.4658	2.9312	0.0324
CSR	28.4277	1	28.4277	1.2171	0.2702
CFR	29.2521	3	9.7507	0.4175	0.7402
SFR	24.5153	3	8.1718	0.3499	0.7890
ERROR	74463.0035	3187	23.3573		
CSFR	30.1129	3	10.0376	0.4295	0.7317
ERROR	74432.8905	3184	23.3698		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 15

SCAT QUANTITATIVE, FORM 5B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1832	260.33	8.87	237.00	289.00	249.01	253.98	259.15	265.22	272.12
NON-ACADEMIC	1818	253.86	7.51	237.00	285.00	243.99	248.63	253.10	257.94	262.41
MALES	1717	256.77	9.29	237.00	287.00	245.30	250.12	255.67	261.76	268.96
FEMALES	1933	257.40	8.40	237.00	289.00	246.93	251.32	256.27	261.34	268.47
ELEM F.ED.	1050	255.30	7.66	237.00	289.00	246.08	250.02	254.38	259.41	264.22
HS F.ED.	956	256.56	8.64	237.00	287.00	246.08	250.50	255.67	261.02	267.52
COLL F.ED.	1230	260.21	9.07	237.00	289.00	248.91	253.49	258.92	265.31	272.34
D.K.F.ED.	414	253.70	8.61	237.00	281.00	242.42	247.29	252.63	258.69	264.79
BLACK	577	250.57	7.20	237.00	289.00	240.12	245.54	250.22	254.67	258.75
WHITE	3073	258.33	8.57	237.00	289.00	247.62	251.95	257.17	262.56	269.78
NOT IN SAMPLE	5058	253.79	8.89	237.00	289.00	242.08	247.20	252.69	258.84	264.99

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	249.17	5.87	237.00	261.00	241.20	245.33	248.29	252.00	256.40
A	M	ELEM	W	161	258.44	8.57	238.00	283.00	247.80	251.78	257.21	263.08	269.93
A	M	HS	B	30	253.20	7.50	237.00	268.00	244.00	247.75	252.00	258.40	262.00
A	M	HS	W	228	260.45	8.98	237.00	287.00	248.31	254.59	259.69	265.27	271.22
A	M	COLL	B	20	251.50	6.49	237.00	264.00	242.00	247.33	252.00	255.60	258.00
A	M	COLL	W	396	262.34	8.90	237.00	285.00	250.66	255.45	261.06	268.09	273.48
A	M	D.K.	B	16	251.94	10.10	237.00	271.00	239.20	243.33	252.00	258.00	267.60
A	M	D.K.	W	38	261.16	7.60	243.00	275.00	250.80	255.25	260.67	266.75	269.60
A	F	ELEM	B	37	255.19	8.75	241.00	289.00	245.40	250.11	254.17	257.25	263.20
A	F	ELEM	W	147	258.50	7.57	243.00	281.00	248.23	253.05	257.41	262.06	268.80
A	F	HS	B	27	251.48	7.89	237.00	265.00	238.93	245.50	252.33	257.40	260.64
A	F	HS	W	186	260.82	7.60	246.00	281.00	251.15	254.98	259.02	264.64	271.97
A	F	COLL	B	15	253.87	5.71	241.00	260.00	244.00	251.00	255.00	257.50	260.00
A	F	COLL	W	445	262.65	8.40	238.00	289.00	252.00	256.11	260.77	267.73	273.87
A	F	D.K.	B	13	251.38	7.34	240.00	264.00	240.60	244.50	252.00	256.33	260.80
A	F	D.K.	W	55	259.60	8.49	242.00	281.00	248.80	253.00	258.93	263.50	270.67
N	M	ELEM	B	54	250.91	6.71	237.00	265.00	239.60	247.00	251.26	254.25	258.48
N	M	ELEM	W	239	253.52	7.24	237.00	283.00	243.40	248.97	252.89	257.35	261.51
N	M	HS	B	49	249.76	7.22	237.00	275.00	237.92	245.57	249.29	252.79	259.10
N	M	HS	W	170	253.35	7.71	237.00	279.00	242.73	248.00	252.97	257.72	261.68
N	M	COLL	B	21	251.67	8.24	237.00	268.00	237.00	247.25	252.50	256.50	259.80
N	M	COLL	W	140	255.88	8.69	237.00	285.00	245.33	249.81	255.08	260.78	266.00
N	M	D.K.	B	51	247.69	5.67	237.00	264.00	238.88	243.25	247.29	251.18	253.96
N	M	D.K.	W	86	252.92	7.97	237.00	272.00	242.48	247.48	251.87	257.37	263.70
N	F	ELEM	B	85	250.71	6.10	237.00	272.00	242.91	246.63	249.78	254.44	257.62
N	F	ELEM	W	309	255.92	6.42	237.00	279.00	247.35	250.99	255.36	259.80	263.39
N	F	HS	B	55	249.35	7.07	237.00	266.00	239.00	243.88	249.17	253.75	258.50
N	F	HS	W	211	255.78	6.50	238.00	277.00	247.71	251.02	254.30	259.12	264.11
N	F	COLL	B	22	249.05	6.96	237.00	262.00	239.20	242.67	248.40	253.50	257.73
N	F	COLL	W	171	256.54	7.11	237.00	281.00	247.93	251.25	255.16	259.69	265.56
N	F	D.K.	B	64	248.78	6.91	237.00	272.00	238.80	243.23	248.15	252.50	255.80
N	F	D.K.	W	91	255.24	7.13	238.00	281.00	246.49	249.71	254.56	259.61	263.29
TOTAL				3650	257.10	8.84	237.00	289.00	246.31	250.77	256.02	261.52	268.73

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 16

SCAT QUANTITATIVE, FORM 4B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1798	280.69	14.41	244.00	343.00	262.85	270.29	278.72	288.33	298.60
NON-ACADEMIC	1788	269.57	10.29	244.00	318.00	256.20	262.19	268.61	274.92	282.05
MALES	1687	275.59	14.53	244.00	343.00	258.80	264.69	272.99	282.71	294.78
FEMALES	1899	274.75	12.92	244.00	343.00	259.94	265.39	272.58	281.28	291.06
ELEM F.ED.	1024	271.50	11.20	244.00	334.00	257.76	263.60	270.20	277.04	284.18
HS F.ED.	939	274.13	13.02	244.00	325.00	259.01	264.49	271.74	280.65	291.19
COLL F.ED.	1220	280.65	14.36	244.00	343.00	262.87	270.15	278.39	287.88	298.87
D.K.F.ED.	403	270.12	13.46	244.00	343.00	253.98	260.56	267.58	277.18	288.92
BLACK	565	265.31	9.57	244.00	297.00	253.11	258.72	263.95	270.52	276.36
WHITE	3021	276.99	13.57	244.00	343.00	261.12	267.26	274.70	283.47	294.73
NOT IN SAMPLE	4393	270.01	13.58	244.00	343.00	253.44	260.61	268.26	277.22	287.66

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	263.61	11.68	244.00	286.00	244.00	255.00	263.00	271.33	274.93
A	M	ELEM	W	159	277.69	12.85	244.00	325.00	261.72	267.69	276.27	284.08	293.20
A	M	HS	B	29	269.48	8.59	258.00	293.00	259.87	262.13	266.80	275.00	280.20
A	M	HS	W	222	280.06	14.24	244.00	325.00	262.40	268.70	278.34	288.43	298.27
A	M	COLL	B	20	269.25	10.57	249.00	293.00	256.00	260.00	268.00	275.00	282.00
A	M	COLL	W	391	285.44	15.75	254.00	343.00	267.60	273.73	282.18	294.32	305.45
A	M	D.K.	B	16	267.75	11.69	249.00	297.00	254.40	258.67	266.67	274.00	275.60
A	M	D.K.	W	36	282.83	12.76	251.00	304.00	263.47	276.00	284.00	291.43	297.60
A	F	ELEM	B	37	269.89	9.19	256.00	289.00	258.70	261.55	267.33	277.17	282.60
A	F	ELEM	W	136	276.74	12.36	246.00	334.00	261.53	268.60	275.09	283.14	292.27
A	F	HS	B	27	265.70	11.48	244.00	293.00	252.93	257.17	262.50	272.33	280.60
A	F	HS	W	181	281.38	12.69	244.00	325.00	266.77	271.87	278.96	287.36	298.18
A	F	COLL	B	15	270.27	13.62	244.00	295.00	253.00	263.00	271.00	275.25	290.00
A	F	COLL	W	444	283.71	12.63	246.00	325.00	268.60	274.61	281.60	290.62	299.68
A	F	D.K.	B	13	265.69	11.01	251.00	287.00	252.30	254.25	266.00	271.50	279.40
A	F	D.K.	W	54	280.24	16.53	244.00	343.00	260.53	267.14	278.67	288.50	299.20
N	M	ELEM	B	53	266.15	9.30	249.00	293.00	252.60	260.82	265.50	270.56	275.76
N	M	ELEM	W	235	269.90	9.61	246.00	308.00	256.83	263.22	269.22	274.82	281.00
N	M	HS	B	48	263.54	8.49	246.00	286.00	252.90	256.50	262.22	268.80	274.56
N	M	HS	W	167	270.22	11.06	249.00	318.00	256.47	262.55	268.62	275.63	282.80
N	M	COLL	B	20	268.85	8.93	258.00	297.00	260.00	262.40	266.40	271.00	276.00
N	M	COLL	W	138	275.08	11.30	254.00	304.00	260.66	266.17	274.11	282.12	289.20
N	M	D.K.	B	50	263.62	8.09	253.00	295.00	254.86	257.69	261.82	267.71	273.00
N	M	D.K.	W	85	267.74	12.93	244.00	304.00	252.67	259.00	264.40	274.33	283.14
N	F	ELEM	B	85	263.84	9.64	244.00	283.00	248.67	257.25	263.89	270.07	274.44
N	F	ELEM	W	301	270.89	8.96	246.00	312.00	259.18	264.64	270.03	275.44	280.78
N	F	HS	B	53	264.58	7.88	244.00	286.00	254.64	259.57	263.85	268.43	274.27
N	F	HS	W	212	271.32	9.40	244.00	300.00	259.68	264.43	270.05	276.55	283.66
N	F	COLL	B	21	263.14	7.91	244.00	277.00	254.20	258.25	262.33	267.67	271.87
N	F	COLL	W	171	272.00	9.48	251.00	304.00	260.64	263.84	270.51	276.85	284.40
N	F	D.K.	B	60	261.87	8.18	246.00	284.00	250.00	254.22	261.88	266.67	271.00
N	F	D.K.	W	89	271.42	10.32	244.00	297.00	258.32	264.56	270.00	275.93	286.48
TOTAL				3586	275.15	13.70	244.00	343.00	259.36	265.06	272.77	281.94	293.02

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 17

SCAT QUANTITATIVE, FORM 3B, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1652	296.41	15.37	255.00	337.00	274.52	286.34	297.68	306.28	315.72
NON-ACADEMIC	1735	281.74	14.35	255.00	337.00	262.83	270.31	280.32	290.01	301.22
MALES	1587	289.46	17.03	255.00	337.00	266.46	275.44	288.54	301.65	312.06
FEMALES	1800	288.40	16.13	255.00	337.00	266.39	275.67	287.94	300.17	308.68
ELEM F.ED.	1032	284.92	14.76	255.00	329.00	265.93	273.24	284.10	295.23	304.07
HS F.ED.	911	288.23	15.96	255.00	337.00	266.70	275.09	287.38	299.87	308.39
COLL F.ED.	1049	295.82	16.28	255.00	337.00	272.04	284.78	297.15	306.83	316.17
D.K.F.ED.	395	282.44	16.82	255.00	337.00	259.00	268.44	280.93	293.42	305.05
BLACK	568	276.11	13.12	255.00	313.00	257.61	266.06	274.18	284.38	293.31
WHITE	2819	291.47	15.98	255.00	337.00	269.21	279.14	290.67	302.53	311.89
NOT IN SAMPLE	4694	283.01	16.77	255.00	337.00	261.01	269.07	281.15	295.36	305.05

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	282.72	14.96	258.00	312.00	265.20	271.00	278.00	292.00	302.80
A	M	ELEM	W	158	293.01	14.80	255.00	323.00	271.80	282.71	292.15	302.83	312.48
A	M	HS	B	30	282.07	13.98	255.00	310.00	258.00	273.50	279.00	289.00	302.00
A	M	HS	W	213	296.98	14.48	255.00	329.00	276.15	287.19	298.07	305.39	315.88
A	M	COLL	B	19	283.11	12.51	255.00	302.00	267.20	273.00	286.40	291.00	298.20
A	M	COLL	W	340	301.33	15.29	255.00	337.00	277.20	291.79	302.00	311.76	320.00
A	M	D.K.	B	15	286.73	15.84	255.00	313.00	268.00	273.50	288.00	299.67	308.00
A	M	D.K.	W	35	298.49	15.56	255.00	332.00	279.00	289.67	301.33	307.80	315.00
A	F	ELEM	B	37	285.78	12.56	264.00	312.00	268.27	275.50	287.00	293.80	301.07
A	F	ELEM	W	145	292.32	14.51	255.00	329.00	272.25	282.50	293.09	301.35	310.33
A	F	HS	B	27	281.00	15.02	255.00	308.00	262.70	267.50	277.33	289.00	303.73
A	F	HS	W	174	297.26	14.31	261.00	337.00	278.56	287.30	298.17	306.14	315.80
A	F	COLL	B	13	281.31	14.63	255.00	312.00	263.20	271.00	279.00	289.00	297.40
A	F	COLL	W	362	300.30	13.29	261.00	337.00	282.44	291.00	300.83	308.32	316.62
A	F	D.K.	B	13	281.69	16.76	255.00	308.00	256.60	267.00	284.00	289.50	304.80
A	F	D.K.	W	53	295.96	15.10	255.00	337.00	278.87	285.25	295.50	305.75	314.70
N	M	ELEM	B	54	273.96	9.59	255.00	294.00	259.92	266.22	273.33	280.89	287.07
N	M	ELEM	W	234	283.26	13.61	255.00	321.00	265.51	272.35	281.87	292.44	300.92
N	M	HS	B	46	272.76	11.86	255.00	310.00	260.08	263.50	268.29	278.50	288.40
N	M	HS	W	160	282.12	13.99	255.00	321.00	264.00	271.33	280.36	290.00	301.00
N	M	COLL	B	21	277.38	11.60	258.00	299.00	260.20	268.50	276.00	287.75	291.80
N	M	COLL	W	116	288.41	17.26	255.00	337.00	265.47	274.00	287.45	302.00	311.40
N	M	D.K.	B	50	274.40	11.32	255.00	308.00	256.86	266.75	272.67	281.60	288.00
N	M	D.K.	W	78	281.14	15.08	255.00	321.00	259.80	268.33	280.00	291.20	301.20
N	F	ELEM	B	85	272.66	11.67	255.00	306.00	256.62	264.33	270.91	279.58	287.00
N	F	ELEM	W	301	283.84	13.19	255.00	321.00	266.54	273.61	282.96	291.95	301.38
N	F	HS	B	55	274.76	11.88	255.00	302.00	256.75	266.78	272.89	282.83	289.50
N	F	HS	W	206	285.17	12.74	255.00	319.00	268.17	274.85	284.12	294.56	301.42
N	F	COLL	B	22	274.00	10.67	255.00	299.00	258.80	265.33	274.00	280.00	285.60
N	F	COLL	W	156	287.26	14.18	255.00	319.00	267.73	278.17	286.82	298.86	306.51
N	F	D.K.	B	63	268.52	11.04	255.00	294.00	255.48	257.71	266.40	275.89	284.80
N	F	D.K.	W	88	282.98	14.61	255.00	326.00	263.90	269.60	282.80	292.40	301.60
TOTAL				3387	288.90	16.56	255.00	337.00	266.43	275.57	288.20	300.86	309.98

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 18

SCAT QUANTITATIVE, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1803	302.55	16.36	255.00	343.00	279.39	291.73	303.99	314.53	322.39
NON-ACADEMIC	1759	285.42	15.42	255.00	338.00	263.99	273.53	284.29	296.94	305.37
MALES	1665	296.08	18.26	255.00	343.00	270.39	281.48	296.94	309.23	319.79
FEMALES	1897	292.35	17.70	255.00	339.00	266.95	278.56	292.53	305.42	315.48
ELEM F.ED.	1040	288.92	16.69	255.00	335.00	265.28	276.56	288.40	301.26	310.83
HS F.ED.	951	292.83	17.31	255.00	335.00	268.72	278.90	293.03	305.29	315.43
COLL F.ED.	1220	301.47	17.04	255.00	343.00	277.43	289.61	302.70	314.15	322.49
D.K.F.ED.	351	287.18	18.55	255.00	338.00	261.44	271.74	285.48	301.28	312.30
BLACK	533	279.20	14.65	255.00	331.00	259.51	267.56	277.15	288.39	299.82
WHITE	3029	296.71	17.32	255.00	343.00	272.40	283.89	297.56	309.05	319.04
NOT IN SAMPLE	3508	290.27	18.31	255.00	343.00	263.99	276.24	290.56	303.46	314.43

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	286.83	20.02	255.00	317.00	255.60	270.00	288.00	302.00	312.80
A	M	ELEM	W	158	300.04	16.43	255.00	335.00	277.40	289.00	301.90	311.33	319.34
A	M	HS	B	29	284.83	13.76	266.00	315.00	267.87	273.25	282.00	294.75	302.20
A	M	HS	W	224	304.25	14.52	255.00	335.00	284.69	294.25	305.57	314.40	322.65
A	M	COLL	B	20	286.90	13.75	268.00	313.00	268.00	274.00	282.00	300.00	303.00
A	M	COLL	W	393	309.19	15.00	255.00	343.00	289.12	299.73	310.10	320.08	327.07
A	M	D.K.	B	14	290.00	14.70	266.00	313.00	266.80	279.00	288.00	302.00	307.20
A	M	D.K.	W	32	305.59	15.58	266.00	331.00	288.40	295.00	306.00	316.00	323.60
A	F	ELEM	B	37	287.81	13.94	255.00	311.00	266.80	278.50	289.25	298.33	305.20
A	F	ELEM	W	147	296.99	16.19	255.00	331.00	273.36	286.50	297.62	308.90	316.74
A	F	HS	B	26	282.12	17.29	255.00	317.00	262.40	269.20	278.00	298.00	305.60
A	F	HS	W	186	301.85	14.85	260.00	335.00	281.28	291.33	302.89	312.12	319.82
A	F	COLL	B	15	286.33	12.69	267.00	305.00	269.00	277.00	283.00	297.67	302.00
A	F	COLL	W	443	304.90	14.57	255.00	339.00	284.63	295.22	306.00	315.65	322.31
A	F	D.K.	B	12	285.00	13.20	262.00	307.00	268.80	276.00	282.67	288.00	305.60
A	F	D.K.	W	49	303.10	16.82	255.00	338.00	282.53	294.25	302.00	315.75	322.20
N	M	ELEM	B	55	278.16	13.06	255.00	309.00	262.00	269.22	277.00	284.33	298.00
N	M	ELEM	W	234	288.11	14.49	255.00	323.00	268.18	277.31	287.53	298.10	307.87
N	M	HS	B	49	279.67	14.40	255.00	331.00	261.20	270.17	277.20	285.75	296.20
N	M	HS	W	170	287.40	15.55	255.00	331.00	265.14	276.37	286.13	298.71	304.57
N	M	COLL	B	20	283.80	13.42	255.00	304.00	268.00	273.33	280.00	294.00	301.33
N	M	COLL	W	140	293.58	16.07	255.00	338.00	270.00	283.11	294.93	303.58	312.00
N	M	D.K.	B	31	279.61	13.72	255.00	309.00	264.10	268.75	275.60	289.67	298.53
N	M	D.K.	W	78	284.36	16.32	255.00	323.00	262.24	272.25	282.67	298.00	304.20
N	F	ELEM	B	83	273.00	12.59	255.00	313.00	256.15	262.71	270.25	280.83	287.42
N	F	ELEM	W	308	286.44	14.59	255.00	321.00	265.10	276.10	285.78	298.07	305.43
N	F	HS	B	55	275.09	12.28	255.00	304.00	258.00	265.22	275.60	281.67	291.33
N	F	HS	W	212	287.25	13.52	255.00	317.00	268.34	276.97	286.48	297.57	304.93
N	F	COLL	B	21	276.05	11.89	255.00	303.00	258.20	268.83	276.40	283.00	291.60
N	F	COLL	W	168	289.33	14.36	255.00	328.00	270.60	278.44	289.26	298.93	307.40
N	F	D.K.	B	48	270.06	12.27	255.00	304.00	256.60	259.00	265.60	275.00	286.40
N	F	D.K.	W	87	285.97	15.75	255.00	317.00	264.70	275.00	284.75	300.12	306.65
TOTAL				3562	294.09	18.06	255.00	343.00	268.42	279.70	294.65	307.06	317.70

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 19

SCAT QUANTITATIVE, FORM 5B, GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	241558046.0000	3649			
MEAN	241272861.4333	1	241272861.4333	3087138.0000	0.0000
ERROR	285184.5667	3648	78.1542		
CUR	20739.5721	1	20739.5721	339.0125	0.0000
SEX	848.5689	1	848.5689	13.8709	0.0003
F.ED	3682.0965	3	1227.3655	20.0627	0.0000
RACE	16252.6668	1	16252.6668	265.6687	0.0000
ERROR	222865.5538	3642	61.1764		
CS	253.9063	1	253.9063	4.1894	0.0409
CF	727.9805	3	242.6602	4.0039	0.0075
CR	673.6711	1	673.6711	11.1155	0.0009
SF	104.7747	3	34.9249	0.5763	0.6304
SR	112.3018	1	112.3018	1.8530	0.1739
FR	531.8781	3	177.2927	2.9253	0.0327
ERROR	220062.2534	3630	60.6065		
CSF	322.0240	3	107.3413	1.7734	0.1501
CSR	444.2377	1	444.2377	7.3392	0.0068
CFR	61.6915	3	20.5638	0.3397	0.7964
SFR	152.6706	3	50.8902	0.8408	0.4712
ERROR	219175.7549	3620	60.5291		
CSFR	255.6462	3	85.2154	1.4083	0.2384
ERROR	218920.1087	3617	60.5086		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 20

SCAT QUANTITATIVE, FORM 4B, GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	272154227.0000	3585			
MEAN	271480709.9417	1	271480709.9417	1445038.0000	0.0000
ERROR	673517.0583	3584	187.8709		
CUR	59928.4917	1	59928.4917	422.1157	0.0000
SEX	73.4580	1	73.4580	0.5174	0.4721
F.ED	13620.4298	3	4540.1433	31.9792	0.0000
RACE	32836.8909	1	32836.8909	231.2918	0.0000
ERROR	508116.4852	3578	141.9717		
CS	1.6623	1	1.6623	0.0119	0.9133
CF	1948.5021	3	649.5007	4.6384	0.0031
CR	3343.2996	1	3343.2996	23.8761	0.0001
SF	1492.0369	3	497.3456	3.5518	0.0140
SR	215.0201	1	215.0201	1.5356	0.2156
FR	677.6857	3	225.8952	1.6132	0.1842
ERROR	499475.4932	3566	140.0268		
CSF	771.1187	3	257.0396	1.8356	0.1385
CSR	328.9348	1	328.9348	2.3490	0.1257
CFR	203.4219	3	67.8073	0.4842	0.6930
SFR	197.7663	3	65.9221	0.4708	0.7025
ERROR	498096.1552	3556	140.0327		
CSFR	959.8131	3	319.9377	2.2872	0.0767
ERROR	497136.3421	3553	139.8808		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 21

SCAT QUANTITATIVE, FORM 3B, GRADE 9, 1965

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	283612359.0000	3386			
MEAN	282682916.1172	1	282682916.1172	1029825.4375	0.0000
ERROR	929442.8828	3385	274.4959		
CUR	104948.8331	1	104948.8331	537.1726	0.0000
SEX	3.1632	1	3.1632	0.0162	0.8988
F.ED	15775.5748	3	5258.5249	26.9154	0.0000
RACE	59788.4914	1	59788.4914	306.0227	0.0000
ERROR	660359.1000	3379	195.3726		
CS	194.3550	1	194.3550	0.9999	0.3176
CF	1961.7536	3	653.9179	3.3643	0.0180
CR	554.7844	1	554.7844	2.8543	0.0913
SF	1082.8245	3	360.9415	1.8570	0.1347
SR	339.8483	1	339.8483	1.7485	0.1864
FR	1332.6865	3	444.2288	2.2855	0.0769
ERROR	654640.5061	3367	194.3708		
CSF	406.4991	3	135.4997	0.6978	0.5532
CSR	191.7260	1	191.7260	0.9874	0.3207
CFR	1250.9556	3	416.9852	2.1474	0.0922
SFR	526.3101	3	175.4367	0.9035	0.4385
ERROR	652047.7233	3357	194.1775		
CSFR	162.3365	3	54.1122	0.2785	0.8407
ERROR	651885.3868	3354	194.3027		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 22

SCAT QUANTITATIVE, FORM 2B, GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	309238735.0000	3561			
MEAN	308076858.7491	1	308076858.7491	944215.1875	0.0000
ERROR	1161876.2509	3560	326.2782		
CUR	153016.6450	1	153016.6450	691.3560	0.0000
SEX	6758.8905	1	6758.8905	30.5379	0.0000
F.ED	19213.5050	3	6404.5017	28.9367	0.0000
RACE	74144.4866	1	74144.4866	334.9978	0.0000
ERROR	786821.5976	3554	221.3282		
CS	33.3947	1	33.3947	0.1519	0.6967
CF	2641.5743	3	880.5248	4.0057	0.0075
CR	2496.8384	1	2496.8384	11.3587	0.0008
SF	1076.9923	3	358.9974	1.6332	0.1796
SR	717.3383	1	717.3383	3.2633	0.0712
FR	707.5363	3	235.8454	1.0729	0.3593
ERROR	778812.1288	3542	219.8172		
CSF	282.6674	3	94.2225	0.4298	0.7317
CSR	971.9834	1	971.9834	4.4341	0.0354
CFR	1909.6301	3	636.5434	2.9038	0.0336
SFR	728.5686	3	242.8562	1.1079	0.3446
ERROR	774457.1095	3532	219.2067		
CSFR	69.7597	3	23.2532	0.1060	0.9566
ERROR	774387.3498	3529	219.3733		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 23

SCAT QUANTITATIVE, 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1574	284.51	12.14	249.00	321.25	268.54	276.20	284.62	292.51	300.42
NON-ACADEMIC	1625	272.79	10.28	247.75	311.25	259.62	265.22	271.95	279.43	286.35
MALES	1498	279.32	13.21	249.75	318.75	262.18	269.31	278.57	288.29	297.63
FEMALES	1701	277.88	12.13	247.75	321.25	261.77	269.06	277.21	286.25	293.87
ELEM F.ED.	984	275.29	11.16	247.75	314.00	260.96	267.40	274.48	282.83	290.15
HS F.ED.	874	277.81	12.19	249.75	315.00	262.03	268.54	276.94	286.00	294.26
COLL F.ED.	1015	283.91	12.56	252.75	321.25	267.45	274.89	283.67	292.55	300.62
D.K.F.ED.	326	273.73	12.81	249.00	313.50	258.10	263.66	272.53	281.93	290.88
BLACK	499	268.04	9.45	247.75	300.50	256.47	260.85	266.89	273.85	281.11
WHITE	2700	280.50	12.23	249.00	321.25	264.47	271.58	279.90	288.75	296.78
NOT IN SAMPLE	223	274.93	13.56	249.75	312.75	258.82	264.19	273.55	284.07	293.35

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	270.58	11.56	252.25	292.25	254.40	264.50	272.00	279.00	284.80
A	M	ELEM	W	153	282.47	11.73	253.75	314.00	267.30	274.59	282.63	290.24	297.54
A	M	HS	B	26	271.86	9.25	256.75	293.25	261.44	264.50	268.00	278.67	285.60
A	M	HS	W	203	285.53	11.13	258.00	314.25	270.82	277.63	285.50	292.76	300.25
A	M	COLL	B	19	272.71	9.59	257.50	290.25	258.53	263.50	273.00	279.25	284.40
A	M	COLL	W	330	288.89	12.08	260.00	318.75	272.70	280.73	288.96	297.59	304.44
A	M	D.K.	B	13	273.67	10.54	257.75	295.00	261.20	266.50	271.33	281.50	286.80
A	M	D.K.	W	30	286.51	12.09	257.75	308.25	272.00	279.00	287.43	294.00	302.67
A	F	ELEM	B	37	274.67	9.50	256.00	294.25	262.16	266.60	274.60	281.00	288.60
A	F	ELEM	W	134	281.15	11.58	252.25	314.00	263.73	273.37	281.88	289.24	295.20
A	F	HS	B	26	270.18	11.66	250.75	293.25	256.48	259.60	268.00	279.00	286.80
A	F	HS	W	167	284.81	10.61	258.75	315.00	271.85	277.70	283.93	291.67	298.43
A	F	COLL	B	13	272.52	10.40	255.00	293.00	257.20	268.33	272.67	279.00	283.40
A	F	COLL	W	348	287.38	10.29	256.50	321.25	273.96	280.00	287.26	294.27	301.03
A	F	D.K.	B	12	271.94	10.25	253.25	289.00	260.80	266.00	272.80	275.20	289.00
A	F	D.K.	W	43	284.85	12.94	249.00	313.50	268.40	277.83	282.73	293.25	301.40
N	M	ELEM	B	51	267.41	7.56	254.00	287.00	256.13	261.90	266.50	272.14	277.20
N	M	ELEM	W	222	273.98	9.63	250.75	306.00	261.82	268.27	272.97	280.84	286.51
N	M	HS	B	42	266.14	9.41	249.75	300.50	256.69	260.18	264.00	270.00	275.80
N	M	HS	W	156	273.09	10.54	252.25	307.00	259.82	265.33	272.50	279.27	285.70
N	M	COLL	B	19	270.82	8.38	255.25	287.50	261.80	265.40	269.50	276.33	284.20
N	M	COLL	W	112	278.13	12.15	253.25	311.25	260.96	269.33	278.44	285.67	292.64
N	M	D.K.	B	30	267.41	8.60	254.75	291.00	257.60	261.20	266.00	272.67	278.67
N	M	D.K.	W	72	271.24	11.14	249.75	303.00	256.27	263.20	270.86	278.29	283.84
N	F	ELEM	B	77	264.74	8.01	247.75	290.50	254.16	258.31	264.83	270.17	274.20
N	F	ELEM	W	292	274.37	9.20	253.50	304.00	261.96	267.41	274.04	280.37	286.69
N	F	HS	B	50	266.24	7.83	252.50	285.25	255.33	259.25	266.40	271.09	277.00
N	F	HS	W	202	275.00	8.97	253.25	298.00	264.17	268.34	274.18	280.67	287.41
N	F	COLL	B	20	265.28	8.21	252.75	281.00	256.67	258.67	263.00	270.00	280.00
N	F	COLL	W	154	276.01	9.37	253.75	298.50	263.47	269.40	274.92	282.00	289.28
N	F	D.K.	B	44	262.55	7.45	249.00	284.25	253.40	257.60	261.67	266.67	271.68
N	F	D.K.	W	82	274.01	10.43	251.50	302.25	260.80	266.33	273.33	281.25	288.46
TOTAL				3199	278.56	12.67	247.75	321.25	261.96	269.17	277.82	287.21	295.40

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 24

SCAT QUANTITATIVE, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1574	31.99	9.36	2.46	60.15	19.99	25.75	32.39	38.54	43.52
NON-ACADEMIC	1625	23.91	9.50	-4.70	55.45	11.72	16.97	23.77	30.89	36.18
MALES	1498	29.46	10.19	-0.89	60.15	15.68	22.46	29.82	36.77	42.36
FEMALES	1701	26.51	10.12	-4.70	59.03	12.97	19.30	26.75	33.64	39.59
ELEM F.ED.	984	25.59	10.09	-4.70	59.03	12.02	18.32	25.64	32.97	38.42
HS F.ED.	874	27.52	9.69	-2.01	57.02	14.38	20.35	27.86	34.23	39.85
COLL F.ED.	1015	31.30	9.82	1.57	60.15	18.28	24.35	31.95	38.14	43.60
D.K.F.ED.	326	25.20	10.68	1.57	57.91	11.49	16.95	24.83	32.89	39.64
BLACK	499	21.61	9.73	-4.70	50.76	9.91	14.20	21.09	28.45	34.52
WHITE	2700	29.05	9.93	-1.12	60.15	15.74	22.23	29.40	35.95	41.68
NOT IN SAMPLE	223	29.41	11.90	3.58	61.94	13.99	20.20	28.98	38.35	45.74

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	29.54	13.07	6.93	50.76	11.70	18.00	28.50	40.00	44.10
A	M	ELEM	W	153	31.39	9.03	2.46	55.23	19.93	25.19	32.39	37.63	42.17
A	M	HS	B	28	23.35	7.20	11.40	38.01	16.20	17.83	22.50	29.50	33.70
A	M	HS	W	203	33.50	8.55	10.73	57.02	22.31	27.59	33.47	39.57	44.17
A	M	COLL	B	19	27.21	9.27	10.73	42.04	13.35	22.12	26.63	32.25	40.65
A	M	COLL	W	330	35.08	8.96	6.26	60.15	23.15	29.55	34.92	40.47	46.50
A	M	D.K.	B	13	30.84	9.26	17.22	46.96	20.40	23.44	29.25	38.62	45.60
A	M	D.K.	W	30	33.13	9.04	8.72	48.52	22.50	27.38	35.10	39.25	45.00
A	F	ELEM	B	37	25.44	9.30	4.92	43.60	12.20	20.13	25.87	31.37	37.95
A	F	ELEM	W	134	29.32	9.86	4.25	59.03	16.67	23.72	29.50	35.68	40.80
A	F	HS	B	26	24.04	10.20	7.60	44.27	10.10	15.75	24.00	31.00	38.70
A	F	HS	W	167	31.09	8.23	9.17	53.67	20.31	25.86	30.98	37.07	41.06
A	F	COLL	B	13	23.44	9.13	8.72	34.44	9.45	17.25	23.25	32.06	33.52
A	F	COLL	W	348	32.69	8.83	5.37	57.69	21.38	26.45	33.18	39.15	43.54
A	F	D.K.	B	12	25.81	8.32	14.31	38.24	14.70	16.50	29.10	30.90	36.90
A	F	D.K.	W	43	32.59	9.78	7.83	57.91	19.95	27.15	32.33	38.44	46.05
N	M	ELEM	B	51	19.87	8.53	4.25	42.26	10.54	13.41	19.67	24.32	32.17
N	M	ELEM	W	222	26.19	9.07	3.35	55.45	14.40	19.41	26.25	32.48	37.31
N	M	HS	B	42	21.77	9.39	4.47	42.93	11.01	14.25	20.70	28.20	34.30
N	M	HS	W	156	25.42	9.23	-0.89	49.42	13.37	18.50	26.08	32.03	37.82
N	M	COLL	B	19	23.30	8.89	5.81	38.46	11.40	17.25	25.00	29.75	34.80
N	M	COLL	W	112	28.51	10.01	1.57	53.67	16.55	21.50	29.25	34.17	41.90
N	M	D.K.	B	30	24.02	9.60	9.62	42.49	12.00	15.38	23.25	32.00	38.50
N	M	D.K.	W	72	24.81	10.39	3.80	47.18	12.15	17.62	23.65	32.79	40.30
N	F	ELEM	B	77	16.80	8.61	-4.70	40.70	6.12	10.84	15.38	23.32	27.65
N	F	ELEM	W	292	23.46	9.28	-1.12	49.64	11.13	17.03	23.30	30.58	35.56
N	F	HS	B	50	19.65	9.28	-2.01	45.84	6.90	14.25	18.64	25.80	31.50
N	F	HS	W	202	24.37	8.23	5.59	43.83	12.94	18.00	24.33	30.98	34.48
N	F	COLL	B	20	20.84	6.46	8.05	31.53	13.50	16.50	21.00	24.75	30.50
N	F	COLL	W	154	25.60	9.10	2.46	49.19	14.60	18.95	24.95	32.25	37.72
N	F	D.K.	B	44	16.25	8.75	2.91	38.01	6.30	10.50	14.00	19.50	30.10
N	F	D.K.	W	62	23.00	9.03	1.57	45.39	12.15	16.64	22.80	29.06	35.30
TOTAL				3199	27.89	10.26	-4.70	60.15	14.08	20.60	28.17	35.05	40.92

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 25

SCAT QUANTITATIVE, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1574	-7.07	6.84	-33.00	20.50	-15.55	-11.53	-6.93	-2.50	1.56
NON-ACADEMIC	1625	-6.15	6.76	-29.50	16.00	-14.70	-10.42	-5.93	-1.57	2.33
MALES	1498	-6.27	7.13	-33.00	20.50	-15.28	-10.72	-6.14	-1.68	2.83
FEMALES	1701	-6.90	6.50	-29.50	16.00	-15.10	-11.18	-6.66	-2.31	1.36
ELEM F.ED.	984	-6.02	6.64	-29.00	20.50	-14.27	-10.36	-6.00	-1.61	2.50
HS F.ED.	874	-6.48	6.82	-28.50	13.50	-15.06	-10.78	-6.32	-1.84	1.78
COLL F.ED.	1015	-7.30	7.02	-33.00	17.00	-15.96	-11.83	-6.99	-2.57	1.48
D.K.F.ED.	326	-6.51	6.44	-26.50	10.50	-14.94	-10.86	-6.17	-2.01	1.94
BLACK	499	-5.99	6.64	-26.50	15.50	-14.43	-10.20	-5.91	-1.64	2.75
WHITE	2700	-6.71	6.84	-33.00	20.50	-15.31	-11.13	-6.55	-2.07	1.83
NOT IN SAMPLE	223	-6.61	6.33	-24.00	13.00	-14.84	-10.63	-6.19	-2.19	0.89

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	-5.17	8.30	-13.50	15.50	-12.42	-10.80	-6.30	-3.00	13.80
A	M	ELEM	W	153	-6.18	7.34	-21.50	20.50	-15.64	-11.25	-6.32	-1.04	3.28
A	M	HS	B	28	-7.18	6.42	-17.50	11.00	-14.70	-11.25	-7.07	-3.75	0.30
A	M	HS	W	203	-6.15	7.21	-28.50	12.50	-15.15	-10.66	-6.04	-1.26	2.78
A	M	COLL	B	19	-6.63	4.88	-17.50	2.50	-13.80	-9.45	-6.38	-3.15	-1.20
A	M	COLL	W	330	-7.47	7.68	-33.00	17.00	-16.79	-12.26	-7.38	-2.47	2.17
A	M	D.K.	B	13	-4.35	7.44	-15.00	10.50	-12.60	-9.25	-6.00	-1.88	8.55
A	M	D.K.	W	30	-6.55	6.32	-18.50	8.50	-15.00	-11.00	-6.75	-2.57	2.50
A	F	ELEM	B	37	-6.34	6.17	-15.50	7.50	-13.72	-10.41	-6.75	-2.13	3.22
A	F	ELEM	W	134	-6.68	5.92	-29.00	5.50	-14.33	-10.75	-6.58	-2.18	1.42
A	F	HS	B	26	-6.79	7.14	-23.00	11.50	-14.10	-11.40	-6.90	-2.00	1.05
A	F	HS	W	167	-7.81	6.05	-24.00	7.00	-15.76	-11.85	-7.55	-3.40	0.18
A	F	COLL	B	13	-6.65	10.14	-26.50	11.00	-21.60	-10.25	-7.00	0.75	6.60
A	F	COLL	W	348	-7.72	6.13	-22.00	10.00	-15.66	-12.13	-7.06	-3.48	0.28
A	F	D.K.	B	12	-6.54	6.66	-14.50	8.50	-14.50	-10.50	-7.50	-1.50	1.20
A	F	D.K.	W	43	-7.72	6.78	-24.50	5.50	-16.27	-11.85	-7.95	-2.06	1.35
N	M	ELEM	B	51	-5.48	5.77	-17.00	7.50	-12.60	-9.67	-5.67	-2.19	3.24
N	M	ELEM	W	222	-5.62	7.09	-20.50	15.50	-14.21	-10.14	-6.14	-0.89	3.63
N	M	HS	B	42	-3.04	6.72	-23.00	7.00	-11.70	-6.56	-1.50	0.92	5.70
N	M	HS	W	156	-5.70	7.13	-22.00	13.50	-15.12	-9.93	-5.50	-1.18	3.42
N	M	COLL	B	19	-5.26	7.08	-20.50	5.00	-16.80	-7.88	-4.80	0.19	3.15
N	M	COLL	W	112	-7.25	6.77	-21.50	12.00	-16.14	-11.90	-7.04	-2.28	1.20
N	M	D.K.	B	30	-7.15	5.38	-19.00	2.00	-16.50	-10.00	-5.83	-3.19	-1.50
N	M	D.K.	W	72	-5.35	6.27	-18.50	9.00	-13.90	-9.30	-4.36	-1.79	3.18
N	F	ELEM	B	77	-5.96	6.78	-22.50	11.50	-15.15	-10.39	-5.42	-1.30	2.28
N	F	ELEM	W	292	-6.05	6.31	-22.00	11.50	-14.22	-10.07	-5.64	-1.80	1.63
N	F	HS	B	50	-7.37	6.17	-21.50	6.50	-15.75	-11.25	-7.04	-3.75	0.30
N	F	HS	W	202	-6.66	6.73	-28.50	11.50	-14.34	-10.84	-6.66	-1.92	1.26
N	F	COLL	B	20	-6.15	6.19	-15.50	5.00	-14.50	-10.00	-7.50	-1.50	1.50
N	F	COLL	W	154	-6.58	7.62	-29.50	16.00	-15.30	-11.25	-6.60	-1.11	3.15
N	F	D.K.	B	44	-6.05	7.13	-18.50	8.00	-15.37	-12.75	-6.00	0.30	3.47
N	F	D.K.	W	82	-7.24	6.24	-26.50	8.50	-14.58	-11.40	-6.81	-2.25	0.70
TOTAL				3199	-6.60	6.81	-33.00	20.50	-15.18	-10.98	-6.43	-2.00	1.98

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 26

SCAT QUANTITATIVE, 0 ORDER TREND

DEPENDENT VARIABLE 1

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	248733319.6875	3198			
MEAN	248219753.4847	1	248219753.4847	1545674.0000	0.0000
ERROR	513566.2028	3197	160.5899		
CUR	66453.8931	1	66453.8931	606.5371	0.0000
SEX	220.7969	1	220.7969	2.0153	0.1562
F.ED	8792.4980	3	2930.8327	26.7502	0.0000
RACE	38648.7438	1	38648.7438	352.7542	0.0000
ERROR	349724.2158	3191	109.5628		
CS	80.5387	1	80.5387	0.7418	0.3893
CF	1322.3110	3	440.7703	4.0599	0.0070
CR	1368.3470	1	1368.3470	12.6038	0.0005
SF	553.4525	3	184.4842	1.6993	0.1650
SR	262.6378	1	262.6378	2.4191	0.1201
FR	547.0313	3	182.3438	1.6796	0.1692
ERROR	345240.4410	3179	108.5662		
CSF	477.7836	3	159.2612	1.4711	0.2204
CSR	575.6288	1	575.6288	5.3171	0.0213
CFR	603.9364	3	201.3121	1.8595	0.1343
SFR	272.0367	3	90.6789	0.8376	0.4729
ERROR	343181.7071	3169	108.2593		
CSFR	231.2357	3	77.0786	0.7118	0.5446
ERROR	342950.4714	3166	108.2888		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 27

SCAT QUANTITATIVE, 1ST ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	2824738.8150	3198			
MEAN	2488156.2999	1	2488156.2999	23640.9180	0.0000
ERROR	336582.5151	3197	105.2479		
CUR	32145.0860	1	32145.0860	392.0876	0.0000
SEX	4348.2173	1	4348.2173	53.0371	0.0000
F.ED	3396.0909	3	1132.0303	13.8079	0.0000
RACE	12778.3442	1	12778.3442	155.8631	0.0000
ERROR	261694.0312	3191	81.9844		
CS	13.5248	1	13.5248	0.1649	0.6848
CF	458.1186	3	152.7062	1.8624	0.1338
CR	80.1578	1	80.1578	0.9776	0.3231
SF	169.2382	3	56.4127	0.6880	0.5592
SR	89.1988	1	89.1988	1.0878	0.2971
FR	169.7350	3	56.5783	0.6900	0.5580
ERROR	260746.7935	3179	81.9959		
CSF	79.7715	3	26.5905	0.3253	0.8071
CSR	10.4845	1	10.4845	0.1283	0.7203
CFR	994.5204	3	331.5068	4.0557	0.0069
SFR	411.2257	3	137.0752	1.6770	0.1698
ERROR	259112.2912	3169	81.7389		
CSFR	154.3784	3	51.4595	0.6293	0.5958
ERROR	258957.9128	3166	81.7676		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 28

SCAT QUANTITATIVE, 2ND ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	287726.7500	3198			
MEAN	139389.2713	1	139389.2713	3005.0845	0.0000
ERROR	148337.4787	3197	46.3845		
CUR	361.3936	1	361.3936	7.8650	0.0052
SEX	385.0934	1	385.0934	8.3808	0.0038
F.ED	465.6480	3	155.2160	3.3780	0.0177
RACE	91.8660	1	91.8660	1.9993	0.1576
ERROR	146670.7833	3191	45.9495		
CS	10.4181	1	10.4181	0.2264	0.6343
CF	32.2657	3	10.7552	0.2338	0.8727
CR	1.2801	1	1.2801	0.0278	0.8676
SF	286.7395	3	95.5798	2.0773	0.1011
SR	5.5283	1	5.5283	0.1202	0.7289
FR	24.3721	3	8.1240	0.1766	0.9123
ERROR	146313.3730	3179	46.0105		
CSF	20.8440	3	6.9480	0.1508	0.9292
CSR	35.5758	1	35.5758	0.7721	0.3798
CFR	76.0641	3	25.3547	0.5502	0.6477
SFR	121.5773	3	40.5258	0.8795	0.4507
ERROR	146069.6815	3169	46.0788		
CSFR	244.2760	3	81.4253	1.7684	0.1511
ERROR	145825.4055	3166	46.0453		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 29

STEP MATHEMATICS, FORM 4B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1840	251.38	10.58	210.00	279.00	236.71	244.27	251.84	258.86	263.90
NON-ACADEMIC	1828	242.89	9.55	210.00	274.00	229.60	235.91	242.70	249.87	253.87
MALES	1725	247.35	11.53	210.00	279.00	231.39	238.72	247.47	255.07	262.02
FEMALES	1943	246.97	10.38	210.00	276.00	233.20	239.42	247.17	253.57	260.21
ELEM F.ED.	1054	244.87	9.84	210.00	274.00	231.13	237.98	244.85	251.50	256.75
HS F.ED.	962	246.59	10.46	210.00	279.00	231.80	238.57	246.70	253.19	260.19
COLL F.ED.	1236	250.99	11.12	210.00	279.00	235.71	243.51	251.65	258.87	263.93
D.K.F.ED.	416	242.81	10.62	210.00	270.00	228.47	235.31	241.74	250.63	257.10
BLACK	584	238.31	8.47	210.00	260.00	227.19	231.95	237.51	243.87	249.72
WHITE	3084	248.82	10.54	210.00	279.00	234.71	241.51	249.22	255.67	261.88
NOT IN SAMPLE	5134	243.10	11.82	210.00	282.00	227.79	234.41	242.43	251.31	258.29

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	237.78	7.07	227.00	251.00	228.40	233.00	237.20	244.00	248.40
A	M	ELEM	W	161	249.55	10.92	210.00	274.00	234.40	242.77	250.76	256.91	262.30
A	M	HS	B	30	240.60	9.44	225.00	259.00	228.67	232.00	240.00	247.00	253.00
A	M	HS	W	228	252.06	10.34	227.00	279.00	237.52	245.14	252.05	259.94	264.59
A	M	COLL	B	20	241.55	8.86	229.00	257.00	229.00	234.00	240.67	248.00	254.00
A	M	COLL	W	398	254.61	10.99	210.00	279.00	239.82	247.78	255.55	261.84	266.60
A	M	D.K.	B	16	241.25	9.13	229.00	259.00	230.80	234.00	239.33	246.00	255.60
A	M	D.K.	W	38	251.24	9.48	229.00	270.00	236.80	244.80	251.50	257.60	263.20
A	F	ELEM	B	37	244.19	8.16	225.00	258.00	232.27	239.00	244.00	249.00	255.04
A	F	ELEM	W	147	249.39	9.70	210.00	270.00	236.68	243.21	249.36	255.95	260.82
A	F	HS	B	27	239.33	9.33	227.00	259.00	227.35	229.38	239.50	246.25	250.60
A	F	HS	W	187	251.52	9.17	210.00	274.00	238.25	245.55	251.80	257.35	262.09
A	F	COLL	B	15	243.00	10.63	220.00	260.00	232.00	236.33	241.33	251.00	257.00
A	F	COLL	W	449	253.51	9.07	210.00	276.00	241.81	247.30	253.40	260.04	264.07
A	F	D.K.	B	13	241.00	11.96	218.00	260.00	223.20	234.50	242.67	249.00	253.40
A	F	D.K.	W	56	250.39	9.33	229.00	269.00	237.47	243.78	250.73	256.86	262.32
N	M	ELEM	B	55	239.45	8.57	210.00	252.00	227.20	235.22	240.73	245.73	249.75
N	M	ELEM	W	240	243.09	9.38	221.00	274.00	229.24	236.31	243.05	249.76	253.40
N	M	HS	B	50	236.42	7.35	223.00	258.00	227.71	230.88	234.00	241.67	245.50
N	M	HS	W	171	244.09	8.94	223.00	270.00	231.63	238.23	244.35	250.55	253.86
N	M	COLL	B	21	238.00	8.64	223.00	253.00	226.10	229.25	237.50	244.33	249.80
N	M	COLL	W	141	247.06	10.49	210.00	272.00	232.91	238.72	248.63	253.59	259.40
N	M	D.K.	B	52	235.65	7.31	221.00	257.00	226.53	230.00	235.60	238.57	244.40
N	M	D.K.	W	86	241.97	10.24	210.00	264.00	228.24	234.91	241.25	249.71	253.82
N	F	ELEM	B	87	237.28	7.87	210.00	256.00	227.20	231.80	236.70	242.42	247.53
N	F	ELEM	W	309	245.25	8.17	224.00	265.00	234.34	239.39	245.23	251.10	254.40
N	F	HS	B	56	238.18	8.15	221.00	258.00	227.16	231.33	237.08	243.14	248.72
N	F	HS	W	213	244.75	8.62	223.00	265.00	233.38	237.90	244.88	250.82	254.49
N	F	COLL	B	22	235.59	6.36	224.00	249.00	226.27	230.67	236.00	240.00	243.60
N	F	COLL	W	170	244.55	10.43	210.00	264.00	230.86	237.41	245.83	251.40	257.00
N	F	D.K.	B	65	235.43	7.31	220.00	254.00	224.57	230.14	235.90	239.92	244.33
N	F	D.K.	W	90	245.34	9.36	223.00	267.00	232.67	239.29	245.67	251.50	258.00
TOTAL				3668	247.15	10.93	210.00	279.00	232.19	239.09	247.30	254.07	261.09

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 30

STEP MATHEMATICS, FORM 3B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1803	265.30	12.42	230.00	300.00	247.61	258.18	266.64	273.08	280.39
NON-ACADEMIC	1791	253.22	12.87	230.00	286.00	231.98	244.96	254.96	262.13	268.88
MALES	1691	259.99	14.35	230.00	300.00	237.15	250.73	260.84	270.02	276.71
FEMALES	1903	258.65	13.68	230.00	296.00	236.22	249.57	259.94	268.42	274.43
ELEM F.ED.	1022	255.45	12.86	230.00	290.00	235.10	246.43	256.94	264.29	270.66
HS F.ED.	934	258.57	13.57	230.00	296.00	236.41	249.84	259.52	267.77	274.46
COLL F.ED.	1226	265.10	12.83	230.00	300.00	246.95	257.81	266.64	273.22	280.51
D.K.F.ED.	412	253.08	14.84	230.00	286.00	230.89	239.33	253.87	263.70	272.15
BLACK	569	246.74	12.24	230.00	279.00	230.00	234.59	246.62	256.11	262.57
WHITE	3025	261.64	13.04	230.00	300.00	244.53	254.11	262.44	270.47	276.14
NOT IN SAMPLE	4432	253.86	14.83	230.00	298.00	231.12	244.29	254.68	264.29	272.61

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	247.33	10.88	230.00	263.00	230.40	238.00	248.00	254.80	260.40
A	M	ELEM	W	160	261.64	13.09	230.00	290.00	240.00	254.91	263.17	270.07	275.08
A	M	HS	B	28	250.61	13.43	230.00	279.00	231.73	240.00	248.00	260.00	268.40
A	M	HS	W	222	265.43	11.64	231.00	296.00	247.79	258.00	266.00	273.04	279.95
A	M	COLL	B	20	251.85	13.68	230.00	276.00	230.00	240.00	253.60	260.00	268.00
A	M	COLL	W	392	270.22	11.26	230.00	300.00	254.80	264.00	270.70	276.52	283.04
A	M	D.K.	B	16	251.88	12.02	230.00	273.00	231.20	245.33	252.00	261.00	263.40
A	M	D.K.	W	38	267.39	12.07	239.00	286.00	247.60	259.50	269.33	275.14	280.40
A	F	ELEM	B	37	253.24	12.46	230.00	274.00	234.80	244.33	255.00	263.50	267.53
A	F	ELEM	W	135	261.67	11.07	231.00	288.00	245.80	254.69	262.71	269.74	274.24
A	F	HS	B	26	251.23	13.81	230.00	273.00	230.08	238.00	252.00	262.00	267.20
A	F	HS	W	181	266.55	9.95	230.00	296.00	254.27	260.75	266.57	273.00	279.45
A	F	COLL	B	15	252.60	13.30	231.00	273.00	231.00	247.00	251.50	261.00	271.00
A	F	COLL	W	446	268.24	9.73	230.00	292.00	256.50	261.77	268.80	274.03	280.72
A	F	D.K.	B	13	247.62	14.60	230.00	273.00	230.60	236.33	245.00	258.33	270.80
A	F	D.K.	W	56	264.48	12.35	230.00	286.00	251.20	257.00	265.00	272.00	281.37
N	M	ELEM	B	54	246.67	11.32	230.00	266.00	231.09	235.71	246.15	256.67	260.60
N	M	ELEM	W	235	254.91	11.59	230.00	281.00	236.48	247.19	256.76	262.47	267.91
N	M	HS	B	46	245.89	12.51	230.00	266.00	230.00	231.29	248.00	255.33	260.80
N	M	HS	W	167	255.01	12.46	230.00	284.00	235.80	246.43	256.32	263.79	270.66
N	M	COLL	B	20	250.30	12.80	231.00	272.00	232.00	238.00	252.00	260.00	266.00
N	M	COLL	W	140	260.06	12.65	230.00	283.00	238.67	254.40	260.67	268.62	275.33
N	M	D.K.	B	50	244.84	11.59	230.00	267.00	230.00	231.57	245.78	253.67	260.00
N	M	D.K.	W	85	252.48	13.50	230.00	286.00	231.09	244.45	254.00	262.30	268.86
N	F	ELEM	B	86	244.81	11.51	230.00	269.00	230.00	231.91	245.25	254.73	259.42
N	F	ELEM	W	297	255.16	11.84	230.00	284.00	235.91	246.83	256.47	263.27	268.91
N	F	HS	B	54	243.96	10.32	230.00	264.00	230.00	233.20	245.33	253.11	257.28
N	F	HS	W	210	255.79	11.62	230.00	279.00	234.86	249.13	257.33	263.13	268.62
N	F	COLL	B	22	242.18	11.17	230.00	267.00	230.00	232.50	238.67	247.60	259.20
N	F	COLL	W	171	256.61	11.79	230.00	282.00	236.13	249.50	257.64	263.62	271.27
N	F	D.K.	B	64	242.44	10.72	230.00	266.00	230.00	231.76	239.56	247.75	257.60
N	F	D.K.	W	90	253.63	13.71	230.00	282.00	232.00	244.77	254.80	263.82	271.43
TOTAL				3594	259.26	14.02	230.00	300.00	236.68	250.06	260.33	269.21	275.31

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 31

STEP MATHEMATICS, FORM 3A, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1660	275.82	12.44	230.00	310.00	260.25	267.21	275.77	283.91	291.40
NON-ACADEMIC	1747	263.03	12.85	230.00	300.00	246.75	254.91	263.34	270.83	278.32
MALES	1605	270.42	14.54	230.00	310.00	251.53	261.32	269.92	279.82	288.51
FEMALES	1802	268.23	13.76	230.00	307.00	250.35	259.77	267.89	277.30	285.07
ELEM F.ED.	1038	266.02	13.10	230.00	305.00	249.47	257.91	265.37	273.64	281.96
HS F.ED.	912	268.72	13.52	230.00	310.00	251.32	260.70	268.26	276.75	285.89
COLL F.ED.	1061	275.16	13.27	230.00	310.00	258.23	265.97	275.48	283.72	291.19
D.K.F.ED.	396	263.19	15.12	230.00	298.00	242.53	253.44	263.26	273.35	281.49
BLACK	568	256.90	12.98	230.00	289.00	237.38	249.22	257.71	265.32	272.07
WHITE	2839	271.73	13.07	230.00	310.00	254.53	263.02	271.26	280.15	288.32
NOT IN SAMPLE	4700	263.14	15.18	230.00	310.00	242.56	252.93	263.49	272.78	281.80

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	262.00	13.20	230.00	277.00	239.00	257.00	264.00	271.50	274.40
A	M	ELEM	W	160	274.49	12.78	230.00	305.00	258.00	266.00	273.56	282.42	292.67
A	M	HS	B	29	261.52	13.05	231.00	287.00	239.70	254.50	262.86	268.33	278.20
A	M	HS	W	214	276.54	11.59	231.00	310.00	262.53	268.28	275.49	284.76	291.53
A	M	COLL	B	19	263.63	9.66	239.00	286.00	253.60	259.17	262.67	268.25	272.20
A	M	COLL	W	342	281.16	11.32	250.00	310.00	265.23	273.19	280.64	288.51	295.70
A	M	D.K.	B	15	264.13	10.37	245.00	282.00	245.00	257.00	266.40	269.40	276.00
A	M	D.K.	W	36	278.78	9.60	255.00	295.00	264.60	272.40	278.57	286.57	289.66
A	F	ELEM	B	37	264.62	11.38	230.00	289.00	249.40	258.25	265.14	271.57	275.73
A	F	ELEM	W	144	272.11	12.47	233.00	295.00	254.53	264.09	271.87	280.74	288.49
A	F	HS	B	27	259.67	14.48	230.00	283.00	236.75	251.75	257.60	269.00	278.60
A	F	HS	W	174	276.29	10.60	234.00	305.00	262.56	269.54	275.71	283.08	290.61
A	F	COLL	B	14	266.00	8.45	251.00	283.00	254.80	259.00	266.00	269.50	280.40
A	F	COLL	W	365	278.06	10.34	233.00	307.00	264.55	271.33	277.66	284.54	291.48
A	F	D.K.	B	13	260.85	10.88	234.00	277.00	251.20	255.67	260.00	267.50	272.80
A	F	D.K.	W	53	275.94	11.43	254.00	298.00	259.73	265.13	276.80	284.09	289.60
N	M	ELEM	B	54	257.00	12.11	230.00	282.00	237.71	250.25	258.00	264.89	271.28
N	M	ELEM	W	237	264.57	12.32	230.00	295.00	249.42	256.06	264.82	271.91	278.92
N	M	HS	B	48	255.17	12.50	230.00	281.00	236.86	248.67	256.00	264.22	268.13
N	M	HS	W	162	265.65	11.18	230.00	296.00	250.98	258.78	265.03	272.31	278.80
N	M	COLL	B	21	260.67	10.91	231.00	274.00	250.10	253.25	259.50	270.50	272.60
N	M	COLL	W	121	269.17	14.05	230.00	300.00	250.55	260.90	269.23	278.64	286.69
N	M	D.K.	B	48	253.96	12.93	230.00	285.00	235.33	247.33	254.00	261.43	268.40
N	M	D.K.	W	81	263.70	12.48	230.00	287.00	248.48	256.25	264.14	271.87	278.84
N	F	ELEM	B	85	255.33	12.17	230.00	282.00	237.73	247.44	255.83	262.64	270.40
N	F	ELEM	W	303	264.81	10.58	230.00	300.00	250.92	258.40	264.03	270.86	278.74
N	F	HS	B	54	254.57	12.31	230.00	275.00	236.75	247.00	255.33	263.75	268.88
N	F	HS	W	204	265.66	10.65	230.00	296.00	251.76	259.82	265.14	271.60	277.36
N	F	COLL	B	22	250.41	12.58	230.00	277.00	235.50	243.20	248.67	257.33	265.73
N	F	COLL	W	157	267.58	11.82	230.00	298.00	253.80	260.59	266.37	275.36	282.47
N	F	D.K.	B	64	249.77	13.21	230.00	277.00	233.56	238.89	250.00	258.80	264.80
N	F	D.K.	W	86	263.66	12.36	230.00	298.00	249.47	255.56	263.43	270.67	277.60
TOTAL				3407	269.26	14.17	230.00	310.00	250.95	260.43	268.91	278.42	286.66

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 32

STEP MATHEMATICS, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	283.01	13.74	230.00	315.00	263.76	276.18	284.46	291.04	297.81
NON-ACADEMIC	1774	268.71	15.87	230.00	312.00	246.05	260.83	270.75	279.35	285.64
MALES	1677	278.53	16.35	230.00	315.00	257.54	269.26	280.33	288.19	296.45
FEMALES	1901	273.61	16.23	230.00	315.00	252.85	264.43	275.86	284.51	290.92
ELEM F.ED.	1027	271.88	15.36	230.00	312.00	252.83	263.06	273.78	282.15	287.55
HS F.ED.	944	275.77	15.46	230.00	313.00	255.46	265.88	277.74	285.73	291.98
COLL F.ED.	1223	281.99	15.11	230.00	315.00	262.72	274.22	284.03	290.98	298.01
D.K. F.ED.	384	267.73	18.86	230.00	315.00	242.39	257.43	269.71	280.72	287.94
BLACK	540	260.56	16.25	230.00	302.00	238.37	252.19	262.45	271.55	279.46
WHITE	3038	278.65	14.94	230.00	315.00	260.34	270.36	279.98	287.42	294.90
NOT IN SAMPLE	3573	272.18	17.05	230.00	315.00	249.01	262.10	273.98	283.68	290.90

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	15	267.87	15.37	237.00	286.00	246.75	261.00	273.00	278.25	282.00
A	M	ELEM	W	156	281.73	13.44	230.00	312.00	262.80	275.43	283.56	288.00	295.54
A	M	HS	B	30	268.93	15.14	237.00	302.00	250.00	258.00	264.00	282.00	286.00
A	M	HS	W	223	286.04	11.40	230.00	313.00	271.53	280.09	286.19	292.05	299.12
A	M	COLL	B	20	271.65	11.31	247.00	291.00	256.00	266.00	271.20	280.00	284.00
A	M	COLL	W	394	289.44	12.12	230.00	313.00	275.76	283.24	289.36	296.82	303.23
A	M	D.K.	B	12	257.00	22.07	230.00	288.00	234.80	242.00	264.00	274.67	279.20
A	M	D.K.	W	35	286.34	12.71	256.00	315.00	266.00	279.00	286.57	292.33	299.33
A	F	ELEM	B	34	266.24	12.77	230.00	288.00	252.40	257.50	267.00	273.00	282.40
A	F	ELEM	W	145	277.24	14.60	230.00	299.00	260.86	271.36	279.39	285.88	291.78
A	F	HS	B	25	266.56	12.79	242.00	287.00	248.67	258.50	263.67	275.50	284.67
A	F	HS	W	187	281.96	11.33	237.00	303.00	265.70	275.95	282.48	288.74	295.38
A	F	COLL	B	15	265.93	17.98	230.00	287.00	240.00	251.00	271.33	277.67	282.00
A	F	COLL	W	446	284.32	11.31	230.00	315.00	270.18	278.08	284.98	290.78	296.65
A	F	D.K.	B	13	266.46	9.14	254.00	278.00	254.60	257.67	267.00	275.50	278.00
A	F	D.K.	W	54	282.30	11.50	251.00	306.00	264.40	275.50	282.67	288.67	295.20
N	M	ELEM	B	55	263.87	13.65	230.00	288.00	245.71	255.86	265.00	273.70	278.00
N	M	ELEM	W	236	272.72	14.05	230.00	300.00	256.95	264.00	275.81	281.62	286.73
N	M	HS	B	44	260.84	16.28	230.00	300.00	238.80	252.67	260.67	273.00	279.60
N	M	HS	W	169	273.46	14.83	230.00	312.00	253.96	265.00	276.08	282.79	287.62
N	M	COLL	B	19	260.79	15.80	230.00	285.00	237.60	249.00	262.00	270.50	280.40
N	M	COLL	W	140	277.71	14.22	230.00	310.00	260.00	270.93	279.45	286.22	291.47
N	M	D.K.	B	46	260.37	14.95	230.00	286.00	240.22	253.50	260.67	267.25	280.53
N	M	D.K.	W	83	268.88	16.34	230.00	305.00	248.44	260.60	271.17	278.93	284.56
N	F	ELEM	B	80	255.44	16.28	230.00	282.00	235.71	244.29	260.89	268.33	272.67
N	F	ELEM	W	306	270.22	12.85	230.00	296.00	253.90	262.59	271.22	278.92	285.20
N	F	HS	B	55	258.04	15.31	230.00	291.00	236.47	246.18	261.56	268.63	274.00
N	F	HS	W	211	271.09	12.77	230.00	295.00	256.04	263.78	272.79	279.27	284.26
N	F	COLL	B	22	255.55	17.09	230.00	283.00	236.29	245.71	256.00	267.50	271.73
N	F	COLL	W	167	270.38	15.35	230.00	302.00	252.47	263.62	272.10	279.86	286.29
N	F	D.K.	B	55	250.20	17.29	230.00	288.00	234.23	240.58	253.20	262.50	270.50
N	F	D.K.	W	86	266.76	17.06	230.00	299.00	243.23	258.33	270.00	278.50	283.05
TOTAL				3578	275.92	16.47	230.00	315.00	255.05	266.43	277.96	286.34	293.82

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 33

STEP MATHEMATICS, FORM 4B, GRADE 5, 1961

DEPENDENT VARIABLE I

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	224487296.0000	3667			
MEAN	224048663.8749	1	224048663.8749	1873063.0000	0.0000
ERROR	438632.1251	3666	119.6161		
CUR	35633.1503	1	35633.1503	393.5881	0.0000
SEX	3.1400	1	3.1400	0.0347	0.8523
F.ED	4668.0545	3	1556.0182	17.1871	0.0001
RACE	31010.4331	1	31010.4331	342.5276	0.0000
ERROR	331445.1063	3660	90.5341		
CS	40.0169	1	40.0169	0.4461	0.5044
CF	944.3458	3	314.7833	3.5090	0.0147
CR	719.4066	1	719.4066	8.0194	0.0048
SF	894.7503	3	298.2501	3.3247	0.0189
SR	35.1790	1	35.1790	0.3922	0.5313
FR	664.2900	3	221.4300	2.4683	0.0603
ERROR	327343.5628	3648	89.7078		
CSF	594.8238	3	198.2746	2.2126	0.0847
CSR	387.7078	1	387.7078	4.3265	0.0378
CFR	167.9710	3	55.9903	0.6248	0.5987
SFR	118.8380	3	39.6127	0.4420	0.7227
ERROR	326097.9755	3638	89.6120		
CSFR	635.1912	3	211.7304	2.3654	0.0692
ERROR	325462.7884	3635	89.5113		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 34

STEP MATHEMATICS, FORM 3B, GRADE 7, 1963

DEPENDENT VARIABLE 1

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	242317929.0000	3593			
MEAN	241611746.1274	1	241611746.1274	1229299.0000	0.0000
ERROR	706182.8726	3592	196.5442		
CUR	67493.2479	1	67493.2479	494.6841	0.0000
SEX	388.4658	1	388.4658	2.8472	0.0918
F.ED	13539.8959	3	4513.2986	33.0797	0.0000
RACE	59358.0197	1	59358.0197	435.0579	0.0000
ERROR	489399.2805	3586	136.4370		
CS	156.8243	1	156.8243	1.1630	0.2812
CF	2325.0330	3	775.0110	5.7473	0.0007
CR	1356.0494	1	1356.0494	10.0562	0.0016
SF	1870.7852	3	623.5951	4.6245	0.0032
SR	147.5570	1	147.5970	1.0945	0.2959
FR	923.8695	3	307.9565	2.2837	0.0771
ERROR	482078.4760	3574	134.8472		
CSF	637.2114	3	212.4038	1.5759	0.1931
CSR	589.8927	1	589.8927	4.3767	0.0365
CFR	320.5145	3	106.8382	0.7927	0.4977
SFR	167.3520	3	55.7840	0.4139	0.7428
ERROR	480486.2512	3564	134.7788		
CSFR	181.3193	3	60.4398	0.4482	0.7186
ERROR	480304.9320	3561	134.8415		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 35

STEP MATHEMATICS, FORM 3A, GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	247698385.0000	3406			
MEAN	247013703.6301	1	247013703.6301	1228788.0000	0.0000
ERROR	684681.3699	3405	201.0222		
CUR	77833.2009	1	77833.2009	570.6470	0.0000
SEX	1466.7396	1	1466.7396	10.7536	0.0012
F.ED	10368.5931	3	3456.1977	25.3397	0.0000
RACE	59656.0940	1	59656.0940	437.3784	0.0000
ERROR	463741.5416	3399	136.3946		
CS	116.4612	1	116.4612	0.8610	0.3537
CF	1399.6397	3	466.5466	3.4491	0.0160
CR	697.5918	1	697.5918	5.1572	0.0233
SF	887.0658	3	295.6886	2.1860	0.0877
SR	164.2178	1	164.2178	1.2140	0.2707
FR	1702.1519	3	567.3840	4.1946	0.0057
ERROR	458283.9579	3387	135.2669		
CSF	124.9805	3	41.6602	0.3079	0.8197
CSR	603.5292	1	603.5292	4.4599	0.0348
CFR	234.2472	3	78.0824	0.5770	0.6299
SFR	185.1851	3	61.7284	0.4562	0.7130
ERROR	457124.1030	3377	135.3239		
CSFR	657.2354	3	219.0785	1.6198	0.1826
ERROR	456466.8676	3374	135.2495		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 36

STEP MATHEMATICS, FORM 2B, GRADE 11, 1967

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	273363865.0000	3577			
MEAN	272393408.0171	1	272393408.0171	1004008.0000	0.0000
ERROR	970460.9829	3576	271.3060		
CUR	95917.7944	1	95917.7944	521.3347	0.0000
SEX	15536.8968	1	15536.8968	84.4465	0.0000
F.ED	13000.4071	3	4333.4690	23.5534	0.0000
RACE	86375.9831	1	86375.9831	469.4729	0.0000
ERROR	657010.0401	3570	183.9850		
CS	36.5544	1	36.5544	0.2002	0.6547
CF	3397.6761	3	1132.5587	6.2042	0.0004
CR	854.4346	1	854.4346	4.6807	0.0307
SF	1175.6152	3	391.8717	2.1467	0.0923
SR	247.9364	1	247.9364	1.3582	0.2442
FR	999.9513	3	333.3171	1.8259	0.1402
ERROR	649680.3058	3558	182.5459		
CSF	641.0112	3	213.6704	1.1726	0.3187
CSR	927.5146	1	927.5146	5.0899	0.0243
CFR	860.1358	3	286.7119	1.5734	0.1937
SFR	218.1160	3	72.7053	0.3990	0.7537
ERROR	646722.3987	3548	182.2268		
CSFR	1376.6578	3	458.8859	2.5215	0.0562
ERROR	645345.7409	3545	181.9927		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

Table 37

STEP MATHEMATICS, 0 ORDER TREND

CLASSIFICATION MARGINALS	N.	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1593	268.62	10.80	232.75	298.25	253.64	261.83	269.22	276.40	282.02
NON-ACADEMIC	1660	257.05	10.39	228.75	290.50	242.96	249.33	257.30	264.24	270.32
MALES	1528	263.97	12.40	229.50	298.25	246.99	254.76	264.13	272.72	280.21
FEMALES	1725	261.60	11.65	228.75	296.00	245.31	253.17	262.18	270.02	276.70
ELEM F.ED.	982	259.70	10.77	229.25	290.75	245.17	251.94	259.57	267.13	273.91
HS F.ED.	873	262.34	11.40	231.00	295.25	246.61	254.26	262.84	270.23	277.38
COLL F.ED.	1039	267.85	11.66	229.50	298.25	251.17	260.46	268.72	276.15	282.36
D.K.F.ED.	359	256.99	12.67	228.75	289.25	240.40	247.26	256.73	265.61	274.38
BLACK	515	250.81	9.58	228.75	277.00	238.21	243.63	250.22	256.63	264.31
WHITE	2738	264.95	11.14	229.50	298.25	249.59	257.29	265.13	272.74	279.36
NOT IN SAMPLE	252	256.53	13.78	228.75	293.75	238.48	246.29	255.41	266.67	276.48

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	15	255.63	8.23	238.50	267.00	246.00	250.33	255.33	262.50	266.00
A	M	ELEM	W	154	267.05	10.95	234.25	290.75	252.16	260.27	267.13	274.90	280.30
A	M	HS	B	28	254.63	10.16	239.00	276.25	241.60	248.00	252.67	262.00	270.40
A	M	HS	W	203	269.96	9.62	240.75	295.25	256.08	263.71	269.94	276.86	281.81
A	M	COLL	B	19	256.96	8.76	242.25	276.25	245.80	251.50	255.60	262.50	268.40
A	M	COLL	W	333	273.52	10.26	239.00	298.25	259.51	267.77	274.04	280.96	286.33
A	M	D.K.	B	11	253.02	11.39	238.75	275.50	240.20	243.50	251.00	261.00	267.60
A	M	D.K.	W	33	270.64	9.21	247.00	289.25	260.24	264.17	270.50	277.83	283.40
A	F	ELEM	B	34	257.18	8.74	239.00	277.00	244.80	250.80	257.14	263.50	267.68
A	F	ELEM	W	131	265.16	10.52	232.75	285.00	252.04	258.69	266.47	272.81	278.12
A	F	HS	B	24	254.96	10.74	238.25	273.00	240.53	245.33	254.00	264.00	270.13
A	F	HS	W	169	268.84	8.67	243.50	290.00	258.18	263.70	268.76	275.57	279.85
A	F	COLL	B	14	256.68	10.20	237.00	275.75	245.60	250.00	256.00	262.00	273.20
A	F	COLL	W	361	270.71	8.53	243.75	296.00	260.12	265.12	270.79	276.67	281.61
A	F	D.K.	B	13	253.98	9.22	236.50	270.25	244.40	247.00	253.00	259.50	266.80
A	F	D.K.	W	51	268.34	9.96	243.50	287.50	256.06	260.60	268.29	275.57	281.52
N	M	ELEM	B	53	251.69	8.60	233.50	268.50	240.20	245.50	252.46	257.17	264.56
N	M	ELEM	W	228	259.11	9.45	234.25	286.50	245.85	252.46	259.49	265.68	270.70
N	M	HS	B	38	249.28	9.20	231.00	270.50	237.07	243.50	248.00	255.60	261.60
N	M	HS	W	157	259.40	9.42	236.25	290.50	247.16	252.88	259.15	265.35	271.51
N	M	COLL	B	18	253.43	9.59	233.75	267.25	243.20	246.50	252.00	263.00	266.20
N	M	COLL	W	120	263.14	11.19	229.50	289.00	247.43	255.20	263.50	270.32	277.71
N	M	D.K.	B	41	249.92	8.19	236.25	272.00	240.73	244.50	248.55	253.00	261.80
N	M	D.K.	W	77	256.91	10.52	234.00	282.00	240.97	249.62	257.50	263.62	269.73
N	F	ELEM	B	76	248.13	7.90	229.25	268.00	237.52	241.69	248.22	253.00	258.40
N	F	ELEM	W	289	258.88	8.70	238.25	282.75	247.15	252.31	258.58	264.50	270.63
N	F	HS	B	53	249.09	8.27	236.00	267.00	237.72	241.80	248.75	254.45	260.70
N	F	HS	W	201	259.39	8.74	235.50	279.25	247.11	253.71	259.95	265.81	270.08
N	F	COLL	B	22	245.93	8.61	233.25	269.00	236.80	239.00	244.00	251.00	255.73
N	F	COLL	W	152	259.64	9.72	237.00	281.00	245.77	252.36	259.86	266.80	271.95
N	F	D.K.	B	54	244.12	9.06	228.75	263.75	232.29	237.50	243.00	250.89	255.73
N	F	D.K.	W	79	257.43	10.29	230.25	283.25	244.76	249.36	257.63	263.77	272.07
TOTAL				3253	262.71	12.07	228.75	298.25	245.06	253.98	263.30	271.23	278.48

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 38

STEP MATHEMATICS, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1593	23.84	7.91	-9.62	60.15	14.67	19.10	23.99	28.38	32.98
NON-ACADEMIC	1660	19.49	9.73	-12.52	50.09	6.30	14.30	20.54	25.88	30.84
MALES	1528	23.32	8.94	-12.52	60.15	12.61	18.35	23.94	28.67	33.56
FEMALES	1725	20.11	9.06	-12.52	60.15	8.25	15.69	21.07	25.70	30.30
ELEM F.ED.	982	20.45	9.18	-12.30	52.32	8.59	15.71	21.20	26.48	31.04
HS F.ED.	873	21.89	8.67	-11.18	51.65	11.34	17.22	22.53	27.26	31.85
COLL F.ED.	1039	23.33	8.60	-12.52	60.15	13.83	18.74	23.71	28.23	32.98
D.K.F.ED.	359	19.23	10.64	-12.52	49.64	3.80	13.65	20.53	26.44	31.65
BLACK	515	17.29	10.68	-10.29	44.27	1.05	10.91	18.54	25.09	29.52
WHITE	2738	22.44	8.59	-12.52	60.15	12.09	17.76	22.93	27.63	32.39
NOT IN SAMPLE	252	20.43	10.39	-13.19	45.39	4.58	14.70	22.00	27.69	32.26

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	15	23.02	9.46	3.80	40.47	11.25	17.25	24.00	30.37	33.75
A	M	ELEM	W	154	24.33	7.86	4.47	52.32	13.67	19.11	24.85	28.60	33.34
A	M	HS	B	28	20.49	9.13	-4.25	42.71	9.30	15.50	20.70	25.50	30.30
A	M	HS	W	203	25.43	7.33	-8.27	45.17	16.95	20.97	25.13	29.71	35.14
A	M	COLL	B	19	23.22	8.28	8.27	42.71	13.20	16.25	24.00	27.94	31.80
A	M	COLL	W	333	26.23	7.46	-2.68	60.15	17.35	21.52	25.99	30.54	34.62
A	M	D.K.	B	11	16.49	14.20	-5.81	33.09	-3.68	-0.46	20.25	28.87	31.35
A	M	D.K.	W	33	26.43	9.31	6.26	49.64	13.95	22.69	26.73	31.12	38.20
A	F	ELEM	B	34	17.58	9.34	-2.68	32.87	2.90	12.00	18.50	24.75	28.20
A	F	ELEM	W	131	21.25	8.28	-9.62	47.63	11.33	17.73	21.31	25.41	30.22
A	F	HS	B	24	20.01	6.13	7.38	30.63	13.80	16.50	19.07	25.50	28.20
A	F	HS	W	169	22.92	6.51	5.59	51.65	14.29	18.96	23.17	26.82	30.32
A	F	COLL	B	14	16.59	11.54	0.45	41.14	0.60	9.00	21.00	26.25	30.30
A	F	COLL	W	361	23.39	7.39	-8.94	60.15	15.21	18.96	23.43	27.69	32.04
A	F	D.K.	B	13	20.04	9.47	8.27	43.60	9.45	12.38	18.75	24.25	30.60
A	F	D.K.	W	51	24.00	6.34	6.04	39.35	15.36	19.78	24.00	27.92	32.64
N	M	ELEM	B	53	18.13	9.38	-7.38	33.99	6.45	12.94	18.33	26.16	29.52
N	M	ELEM	W	228	22.12	8.82	-12.30	42.93	11.66	17.33	22.75	27.98	32.79
N	M	HS	B	38	18.39	10.99	-2.01	44.27	2.85	12.00	18.50	26.75	32.70
N	M	HS	W	157	22.09	10.33	-11.18	46.51	9.53	16.92	23.17	28.83	34.93
N	M	COLL	B	18	17.55	10.81	-0.67	32.87	0.0	11.25	16.50	26.00	29.10
N	M	COLL	W	120	22.48	8.30	-12.52	44.94	14.63	18.79	22.62	26.56	31.12
N	M	D.K.	B	41	19.56	8.86	-2.91	34.66	10.56	14.75	20.67	25.35	28.45
N	M	D.K.	W	77	20.48	9.94	-3.58	44.50	8.35	14.78	20.55	27.22	32.65
N	F	ELEM	B	78	14.46	12.35	-10.29	35.33	-4.55	5.25	16.83	24.00	28.70
N	F	ELEM	W	269	18.93	8.11	-10.73	42.49	8.39	13.81	19.87	24.26	28.94
N	F	HS	B	53	16.06	10.08	-10.29	40.03	1.68	10.65	17.45	22.37	27.60
N	F	HS	W	201	19.82	7.81	-4.70	40.03	9.96	15.28	20.49	25.15	28.49
N	F	COLL	B	22	15.23	11.48	-8.94	28.85	-4.02	6.00	18.00	25.00	27.60
N	F	COLL	W	152	19.82	10.16	-11.85	50.09	7.02	14.21	20.79	25.85	32.34
N	F	D.K.	B	54	12.06	11.47	-8.05	38.91	-2.02	2.81	11.25	21.43	26.70
N	F	D.K.	W	79	16.69	10.59	-12.52	37.12	-0.16	12.75	18.23	24.47	27.98
TOTAL				3253	21.62	9.15	-12.52	60.15	10.45	16.97	22.43	27.29	32.00

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 39

STEP MATHEMATICS, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1593	-3.67	6.46	-31.00	19.50	-10.94	-7.07	-3.34	0.28	3.85
NON-ACADEMIC	1660	-2.43	8.69	-39.50	25.50	-12.45	-7.38	-2.19	2.76	7.94
MALES	1528	-2.55	7.68	-37.00	25.50	-11.41	-6.91	-2.42	1.77	6.65
FEMALES	1725	-3.47	7.71	-39.50	23.50	-12.10	-7.44	-3.26	0.87	5.72
ELEM F.ED.	982	-2.49	7.98	-37.00	22.50	-11.51	-7.02	-2.31	2.14	6.94
HS F.ED.	873	-2.66	7.61	-31.00	23.50	-11.25	-7.23	-2.52	1.63	6.71
COLL F.ED.	1039	-3.91	7.01	-39.50	20.00	-11.60	-7.18	-3.49	0.18	3.87
D.K.F.ED.	359	-2.96	8.83	-31.50	25.50	-13.67	-7.81	-3.16	2.39	8.11
BLACK	515	-2.39	9.68	-31.50	25.50	-13.38	-8.19	-2.37	3.94	10.35
WHITE	2738	-3.16	7.27	-39.50	22.00	-11.33	-7.09	-2.95	1.00	5.34
NOT IN SAMPLE	252	-4.29	8.95	-33.50	16.50	-15.76	-9.26	-3.77	1.06	6.94

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	15	-4.27	7.06	-17.50	11.50	-12.00	-8.75	-4.00	-0.25	6.00
A	M	ELEM	W	154	-2.59	7.20	-30.50	15.50	-11.21	-6.44	-2.27	1.45	5.85
A	M	HS	B	28	-1.96	8.13	-16.50	14.00	-12.15	-6.50	-2.00	1.07	11.70
A	M	HS	W	203	-2.12	6.58	-22.50	19.50	-9.89	-6.03	-1.83	2.20	5.68
A	M	COLL	B	19	-0.76	7.36	-9.50	16.50	-8.60	-6.19	-2.63	5.25	6.96
A	M	COLL	W	333	-3.87	5.78	-27.50	12.00	-10.40	-6.93	-3.29	-0.03	2.75
A	M	D.K.	B	11	-7.41	11.41	-30.50	4.00	-22.20	-15.38	-2.25	1.75	3.40
A	M	D.K.	W	33	-4.79	5.78	-18.00	8.00	-14.20	-7.13	-4.65	-1.05	2.20
A	F	ELEM	B	34	-4.16	6.95	-19.00	15.00	-11.40	-7.31	-4.00	-0.19	2.40
A	F	ELEM	W	131	-3.78	6.20	-20.00	10.50	-10.95	-7.54	-3.72	0.03	4.47
A	F	HS	B	24	-3.33	8.70	-21.50	14.00	-12.45	-9.50	-3.75	1.50	9.30
A	F	HS	W	169	-4.81	5.80	-27.50	10.00	-10.53	-7.59	-4.24	-1.01	1.80
A	F	COLL	B	14	-5.36	10.22	-30.00	11.50	-18.30	-9.00	-3.50	0.75	3.90
A	F	COLL	W	361	-4.26	6.04	-31.00	18.00	-11.01	-7.16	-3.83	-0.44	2.30
A	F	D.K.	B	13	-0.50	7.31	-13.00	10.50	-9.60	-6.25	-0.75	6.75	9.20
A	F	D.K.	W	51	-4.19	6.34	-18.50	16.00	-12.40	-7.31	-4.13	-0.54	3.24
N	M	ELEM	B	53	-0.12	8.96	-17.00	22.50	-10.37	-6.96	-1.13	6.15	12.12
N	M	ELEM	W	228	-1.89	8.69	-37.00	20.50	-12.04	-6.69	-1.50	3.26	7.25
N	M	HS	B	38	-1.95	9.30	-31.00	16.00	-12.42	-8.00	-0.83	5.25	9.60
N	M	HS	W	157	-1.70	8.20	-28.50	19.00	-11.19	-7.60	-1.15	3.51	7.93
N	M	COLL	B	18	-6.64	9.91	-28.50	5.50	-25.80	-9.75	-5.70	0.75	3.70
N	M	COLL	W	120	-2.48	7.40	-24.00	19.50	-11.00	-6.59	-2.50	1.06	6.37
N	M	D.K.	B	41	-0.01	11.38	-21.00	25.50	-13.40	-8.55	-2.40	9.25	13.44
N	M	D.K.	W	77	-2.75	8.71	-22.00	22.00	-12.93	-8.38	-3.43	3.28	7.65
N	F	ELEM	B	78	-3.79	10.38	-26.50	22.00	-15.90	-9.96	-4.83	4.71	10.10
N	F	ELEM	W	289	-2.11	7.63	-37.00	18.50	-10.20	-6.27	-1.34	2.16	6.31
N	F	HS	B	53	-0.48	9.98	-25.50	23.50	-15.60	-6.38	0.43	5.53	11.55
N	F	HS	W	201	-2.88	7.88	-28.50	18.50	-11.96	-7.69	-2.92	1.16	7.02
N	F	COLL	B	22	-0.73	11.70	-27.00	18.50	-13.20	-7.13	0.50	6.75	15.90
N	F	COLL	W	152	-4.69	9.04	-39.50	20.00	-15.78	-8.81	-3.82	0.60	6.10
N	F	D.K.	B	54	-3.22	10.23	-31.50	13.00	-16.20	-8.25	-1.17	3.56	9.10
N	F	D.K.	W	79	-2.73	8.42	-24.00	22.00	-12.36	-7.88	-2.81	2.47	7.05
TOTAL				3253	-3.04	7.71	-39.50	25.50	-11.75	-7.20	-2.88	1.25	6.22

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 40

STEP MATHEMATICS, 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	224990361.8125	3252			
MEAN	224516290.5596	1	224516290.5596	1540120.0000	0.0000
ERROR	474071.2529	3251	145.7784		
CUR	60680.2764	1	60680.2764	665.5913	0.0000
SEX	1913.8820	1	1913.8820	20.9930	0.0001
F.ED	7413.1557	3	2471.0519	27.1045	0.0000
RACE	51682.9490	1	51682.9490	566.9014	0.0000
ERROR	295929.4257	3245	91.1674		
CS	0.1109	1	0.1109	0.0012	0.9720
CF	1376.1492	3	458.7164	5.0315	0.0018
CR	769.3100	1	769.3100	8.4389	0.0036
SF	942.3431	3	314.1144	3.4465	0.0152
SR	136.6873	1	136.6873	1.5171	0.2185
FR	818.0339	3	272.6780	3.0266	0.0284
ERROR	291366.7116	3233	90.0949		
CSF	210.6315	3	70.2105	0.7809	0.5042
CSR	633.8453	1	633.8453	7.0495	0.0081
CFR	352.0658	3	117.3553	1.3074	0.2702
SFR	143.9359	3	47.9786	0.5336	0.6592
ERROR	289681.8142	3223	89.9137		
CSFR	169.9971	3	56.6657	0.6300	0.5954
ERROR	289711.8171	3220	89.9447		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 41

STEP MATHEMATICS, 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	1792669.2915	3252			
MEAN	1520649.9798	1	1520649.9798	18179.4141	0.0000
ERROR	272019.3118	3251	83.6468		
CUR	8193.6117	1	8193.6117	110.3785	0.0000
SEX	6773.1605	1	6773.1605	91.2432	0.0000
F.ED	1016.8002	3	338.9334	4.5659	0.0035
RACE	6484.4084	1	6484.4084	87.3533	0.0000
ERROR	240956.8932	3245	74.2320		
CS	17.8643	1	17.8643	0.2406	0.6239
CF	599.6797	3	199.8932	2.6927	0.0447
CR	1.5622	1	1.5622	0.0210	0.8847
SF	142.4933	3	47.4978	0.6398	0.5892
SR	41.0959	1	41.0959	0.5536	0.4570
FR	15.6405	3	5.2135	0.0702	0.9758
ERROR	240072.3632	3233	74.2339		
CSF	222.7618	3	74.2539	0.9998	0.3919
CSR	46.0856	1	46.0856	0.6206	0.4309
CFR	248.1546	3	82.7182	1.1138	0.3421
SFR	42.9692	3	14.3231	0.1929	0.9011
ERROR	239430.8105	3223	74.2652		
CSFR	383.2467	3	127.7489	1.7213	0.1604
ERROR	239047.5637	3220	74.2153		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 42

STEP MATHEMATICS, 2ND ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	223137.2500	3252			
MEAN	30046.9687	1	30046.9687	506.0466	0.0000
ERROR	193090.2813	3251	59.3759		
CUR	754.4253	1	754.4253	12.8704	0.0004
SEX	794.8910	1	794.8910	13.5607	0.0003
F.ED	629.0161	3	209.6727	3.5770	0.0135
RACE	87.2839	1	87.2839	1.4891	0.2228
ERROR	190271.1352	3245	58.6171		
CS	1.9983	1	1.9983	0.0341	0.8537
CF	162.6893	3	54.2298	0.9241	0.4281
CR	3.7986	1	3.7986	0.0647	0.7992
SF	134.3940	3	44.7980	0.7634	0.5144
SR	0.0033	1	0.0033	0.0001	0.9940
FR	182.1202	3	60.7067	1.0344	0.3761
ERROR	189788.2090	3233	58.6853		
CSF	362.9830	3	120.9943	2.0644	0.1028
CSR	1.5416	1	1.5416	0.0263	0.8712
CFR	33.5819	3	11.1940	0.1910	0.9025
SFR	381.9731	3	127.3244	2.1724	0.0893
ERROR	188955.1206	3223	58.6089		
CSFR	1096.9607	3	365.6536	6.2695	0.0004
ERROR	18785d.1599	3220	58.3229		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TCI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 43

STEP SCIENCE, FORM 4B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1830	259.84	12.47	225.00	317.00	243.91	251.87	259.23	266.25	274.09
NON-ACADEMIC	1821	249.62	11.24	225.00	291.00	234.52	241.73	249.66	256.80	262.93
MALES	1717	255.41	14.08	225.00	317.00	236.37	245.40	255.37	263.72	272.04
FEMALES	1934	254.15	11.78	225.00	317.00	238.81	245.97	253.93	260.82	267.65
ELEM F.ED.	1047	251.83	11.34	225.00	310.00	236.65	244.03	251.80	258.51	264.43
HS F.ED.	961	253.85	12.45	225.00	317.00	236.90	245.40	253.89	260.72	267.99
COLL F.ED.	1228	259.73	12.96	225.00	317.00	242.61	251.38	259.46	266.98	275.32
D.K.F.ED.	415	249.38	12.86	225.00	291.00	232.27	240.28	248.74	257.11	264.79
BLACK	581	244.18	10.03	225.00	276.00	230.12	236.97	243.67	250.12	256.66
WHITE	3070	256.74	12.43	225.00	317.00	240.49	248.68	256.40	263.36	271.34
NOT IN SAMPLE	5088	250.36	13.93	225.00	310.00	231.57	239.57	249.76	259.27	267.53

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	244.78	8.76	231.00	258.00	232.40	236.00	243.33	252.00	255.60
A	M	ELEM	W	160	257.96	13.03	225.00	310.00	242.73	249.53	257.16	264.50	272.18
A	M	HS	B	30	247.87	11.12	225.00	269.00	235.00	239.50	247.14	253.33	262.00
A	M	HS	W	228	260.25	12.77	225.00	317.00	244.53	252.81	259.51	266.17	274.20
A	M	COLL	B	20	250.70	11.20	225.00	276.00	234.00	244.00	250.00	256.29	258.00
A	M	COLL	W	396	264.90	12.96	225.00	310.00	247.69	257.00	264.21	272.30	281.64
A	M	D.K.	B	16	243.88	11.58	227.00	266.00	230.60	233.00	244.00	252.67	256.80
A	M	D.K.	W	37	262.00	11.79	241.00	291.00	248.27	252.83	260.80	268.33	275.20
A	F	ELEM	B	36	249.72	8.97	227.00	267.00	238.80	243.71	248.86	255.60	260.40
A	F	ELEM	W	146	256.81	10.20	225.00	296.00	243.53	250.64	256.40	261.63	267.87
A	F	HS	B	27	247.44	11.87	225.00	266.00	229.40	237.67	248.00	256.25	262.40
A	F	HS	W	187	259.06	10.34	227.00	296.00	246.38	252.14	258.65	262.87	272.43
A	F	COLL	B	15	248.60	9.82	231.00	263.00	233.00	240.33	249.00	255.80	257.60
A	F	COLL	W	445	261.91	10.33	225.00	317.00	249.22	254.89	260.67	267.34	273.75
A	F	D.K.	B	13	245.69	12.18	225.00	264.00	225.00	242.25	245.50	251.50	263.40
A	F	D.K.	W	56	258.30	11.39	225.00	291.00	245.47	252.00	258.00	263.60	269.60
N	M	ELEM	B	53	245.08	10.90	225.00	276.00	230.60	237.13	244.20	251.00	258.70
N	M	ELEM	W	238	250.48	11.60	225.00	283.00	233.52	241.33	251.88	257.95	263.39
N	M	HS	B	50	244.62	9.06	225.00	263.00	234.31	236.62	243.71	251.25	255.60
N	M	HS	W	171	251.40	11.73	225.00	283.00	235.03	243.42	251.62	258.53	264.91
N	M	COLL	B	21	244.62	9.31	227.00	260.00	230.40	239.00	243.20	251.50	256.53
N	M	COLL	W	141	253.65	12.78	225.00	287.00	234.07	245.00	255.42	262.39	267.78
N	M	D.K.	B	52	239.52	8.80	225.00	263.00	227.20	232.86	238.80	244.22	249.80
N	M	D.K.	W	86	248.78	11.72	225.00	279.00	233.47	240.62	247.50	256.44	263.94
N	F	ELEM	B	87	242.71	8.64	225.00	267.00	229.70	237.89	242.58	246.45	252.64
N	F	ELEM	W	309	251.73	8.64	225.00	279.00	239.62	245.92	251.71	257.02	262.31
N	F	HS	B	56	243.07	9.53	225.00	264.00	228.60	236.67	243.60	248.67	255.40
N	F	HS	W	212	251.04	10.27	225.00	291.00	236.52	244.00	251.50	257.11	262.25
N	F	COLL	B	22	240.41	8.63	225.00	264.00	230.27	235.00	241.20	245.00	248.40
N	F	COLL	W	168	253.34	11.26	225.00	291.00	238.32	245.76	252.83	259.92	265.49
N	F	D.K.	B	65	241.37	9.12	225.00	260.00	225.71	234.71	242.59	247.17	252.44
N	F	D.K.	W	90	252.21	10.90	225.00	287.00	237.43	245.14	251.60	257.60	264.00
TOTAL				3651	254.74	12.93	225.00	317.00	237.63	245.75	254.57	261.92	269.90

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 44

STEP SCIENCE, FORM 3B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1802	270.97	11.56	237.00	324.00	257.25	263.27	269.24	277.51	285.84
NON-ACADEMIC	1789	261.25	9.47	237.00	299.00	247.87	254.93	261.17	266.79	271.63
MALES	1691	266.98	12.99	237.00	324.00	250.34	258.00	265.43	273.48	283.99
FEMALES	1900	265.37	10.21	237.00	310.00	251.38	259.00	264.79	270.62	278.11
ELEM F.ED.	1018	263.21	9.76	237.00	310.00	250.10	257.20	262.52	268.46	275.79
HS F.ED.	940	265.13	11.06	237.00	324.00	250.19	257.69	264.50	270.74	278.44
COLL F.ED.	1223	271.01	11.86	237.00	315.00	256.79	262.91	269.21	277.48	287.07
D.K.F.ED.	410	261.11	11.39	237.00	299.00	245.76	252.18	260.66	267.22	274.67
BLACK	565	257.64	8.73	237.00	299.00	245.02	250.92	257.94	262.92	267.50
WHITE	3026	267.71	11.42	237.00	324.00	253.32	260.35	266.51	273.19	281.84
NOT IN SAMPLE	4407	261.84	11.96	237.00	334.00	245.64	252.69	261.08	268.37	277.28

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	257.44	9.46	237.00	271.00	243.20	250.00	260.00	263.00	268.40
A	M	ELEM	W	159	268.52	11.74	242.00	310.00	255.92	259.65	266.82	276.50	283.24
A	M	HS	B	28	259.71	9.56	242.00	287.00	246.40	253.33	259.00	264.00	270.40
A	M	HS	W	224	271.54	12.40	239.00	324.00	256.51	263.31	270.09	278.00	286.30
A	M	COLL	B	20	266.25	10.28	252.00	299.00	254.00	260.00	263.33	269.33	276.00
A	M	COLL	W	391	276.34	12.78	242.00	315.00	261.21	267.08	274.44	284.33	293.03
A	M	D.K.	B	16	259.19	9.81	237.00	272.00	242.40	254.00	260.00	266.00	268.80
A	M	D.K.	W	38	271.71	13.12	237.00	299.00	257.07	263.50	270.22	279.50	292.27
A	F	ELEM	B	36	261.31	6.87	248.00	272.00	250.13	256.57	262.00	267.00	269.94
A	F	ELEM	W	136	266.87	9.51	237.00	291.00	256.14	260.70	266.31	271.29	278.92
A	F	HS	B	26	260.00	9.36	237.00	278.00	248.60	253.00	259.33	265.00	271.20
A	F	HS	W	182	269.94	8.16	246.00	296.00	260.04	264.68	268.43	274.94	279.65
A	F	COLL	B	15	264.33	10.93	248.00	289.00	249.00	259.00	262.80	267.00	282.00
A	F	COLL	W	445	272.53	9.09	250.00	310.00	261.58	265.54	270.59	277.74	284.75
A	F	D.K.	B	13	259.77	8.23	250.00	274.00	250.00	251.25	257.00	266.33	270.80
A	F	D.K.	W	55	269.22	10.18	239.00	296.00	259.00	263.88	267.60	272.50	284.40
N	M	ELEM	B	55	257.35	8.56	237.00	274.00	244.50	252.58	257.17	262.33	268.50
N	M	ELEM	W	233	261.80	9.02	237.00	287.00	248.96	256.21	261.57	267.40	271.96
N	M	HS	B	47	256.13	7.85	242.00	278.00	245.36	249.25	254.33	261.29	266.30
N	M	HS	W	168	262.44	10.21	237.00	299.00	249.07	255.43	261.93	268.38	275.10
N	M	COLL	B	20	258.05	8.35	242.00	275.00	245.33	252.00	258.40	262.40	268.00
N	M	COLL	W	140	265.59	11.35	239.00	299.00	252.00	257.43	264.24	270.62	280.00
N	M	D.K.	B	49	254.41	7.82	237.00	267.00	241.20	248.90	255.00	259.91	264.08
N	M	D.K.	W	85	260.11	9.97	237.00	289.00	246.00	252.82	259.33	266.07	271.14
N	F	ELEM	B	83	257.37	7.59	237.00	271.00	245.02	251.83	259.82	262.53	264.40
N	F	ELEM	W	298	263.11	8.22	237.00	289.00	252.61	258.00	262.68	267.67	272.75
N	F	HS	B	55	257.15	8.03	237.00	269.00	243.00	251.83	258.43	262.54	266.00
N	F	HS	W	210	261.74	8.29	239.00	282.00	249.07	256.19	262.00	267.05	271.03
N	F	COLL	B	21	253.62	8.51	237.00	272.00	242.20	245.80	254.00	258.75	263.80
N	F	COLL	W	171	264.08	8.31	242.00	291.00	252.93	258.50	263.94	268.88	271.99
N	F	D.K.	B	63	254.48	7.91	237.00	271.00	243.07	247.89	254.00	259.75	263.87
N	F	D.K.	W	91	261.44	10.68	237.00	289.00	245.68	253.00	261.70	267.21	274.80
TOTAL				3591	266.13	11.63	237.00	324.00	250.85	258.53	265.04	271.49	280.03

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 45

STEP SCIENCE, FORM 3A, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1663	279.75	12.84	237.00	344.00	263.71	270.78	278.49	286.85	293.78
NON-ACADEMIC	1746	267.03	11.98	237.00	329.00	250.75	259.50	266.42	273.60	281.80
MALES	1608	274.50	15.27	237.00	344.00	255.15	263.78	273.26	283.85	292.32
FEMALES	1801	272.10	12.53	237.00	334.00	256.30	263.59	271.11	279.82	287.50
ELEM F.ED.	1036	269.39	12.18	237.00	309.00	252.96	261.28	269.08	276.40	284.47
HS F.ED.	915	272.59	13.07	237.00	329.00	257.00	263.66	271.27	280.54	288.74
COLL F.ED.	1059	279.53	13.96	240.00	344.00	261.74	270.23	278.47	287.46	295.30
D.K.F.ED.	399	267.95	13.95	237.00	334.00	249.69	258.95	266.32	275.23	285.29
BLACK	569	263.17	11.23	237.00	302.00	246.75	255.85	262.91	269.30	275.95
WHITE	2840	275.25	13.55	237.00	344.00	258.71	266.06	273.90	283.57	291.21
NOT IN SAMPLE	4675	267.90	14.48	237.00	334.00	248.51	257.82	266.73	276.14	285.83

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	267.67	12.12	246.00	294.00	249.20	260.00	266.00	272.00	284.40
A	M	ELEM	W	160	276.71	12.69	237.00	309.00	260.00	268.75	276.26	284.00	291.00
A	M	HS	B	30	267.50	12.50	240.00	294.00	252.00	257.33	266.80	275.50	282.00
A	M	HS	W	215	280.54	12.41	248.00	329.00	265.54	271.34	279.58	287.61	293.44
A	M	COLL	B	19	272.95	10.11	255.00	302.00	257.80	265.67	271.20	275.67	282.40
A	M	COLL	W	340	286.27	13.71	246.00	344.00	269.67	276.70	285.11	292.80	301.82
A	M	D.K.	B	16	271.00	10.03	252.00	285.00	256.40	263.33	271.00	276.00	283.87
A	M	D.K.	W	36	282.64	13.08	258.00	319.00	266.80	273.00	280.40	289.00	300.80
A	F	ELEM	B	37	269.59	7.33	248.00	287.00	261.40	265.50	268.62	272.71	277.30
A	F	ELEM	W	145	275.88	10.51	242.00	299.00	262.20	269.77	274.70	283.29	287.83
A	F	HS	B	27	267.74	13.05	237.00	296.00	252.27	258.60	265.33	275.00	284.60
A	F	HS	W	174	278.53	10.22	255.00	302.00	264.45	270.50	277.15	284.78	291.67
A	F	COLL	B	15	270.73	11.13	260.00	297.00	260.00	263.00	267.20	271.00	288.00
A	F	COLL	W	365	281.54	10.37	246.00	324.00	268.64	273.35	281.28	287.40	293.14
A	F	D.K.	B	13	269.38	10.69	250.00	288.00	255.20	263.25	268.00	277.00	281.40
A	F	D.K.	W	53	278.55	16.04	237.00	334.00	262.24	268.60	276.25	286.75	293.76
N	M	ELEM	B	54	260.85	11.44	237.00	285.00	243.87	254.25	260.40	269.50	274.80
N	M	ELEM	W	237	267.65	11.85	237.00	302.00	250.83	260.21	267.63	274.85	282.40
N	M	HS	B	48	262.42	10.52	240.00	286.00	244.24	257.20	263.00	266.00	273.47
N	M	HS	W	163	269.66	13.30	237.00	319.00	253.60	260.79	268.54	277.08	285.23
N	M	COLL	B	21	262.71	12.68	244.00	299.00	244.80	255.67	260.80	267.50	277.60
N	M	COLL	W	120	273.90	15.35	240.00	329.00	255.00	263.50	273.00	282.44	290.80
N	M	D.K.	B	51	259.04	10.81	237.00	285.00	243.10	250.43	259.40	264.78	273.60
N	M	D.K.	W	80	265.84	11.84	237.00	294.00	248.40	257.43	265.60	273.43	280.67
N	F	ELEM	B	82	259.59	10.35	237.00	278.00	243.20	252.57	260.00	266.77	271.44
N	F	ELEM	W	303	268.05	10.14	240.00	302.00	254.91	261.07	267.71	273.78	280.77
N	F	HS	B	54	260.72	10.16	240.00	281.00	245.20	253.00	262.00	267.43	272.88
N	F	HS	W	204	268.42	9.49	237.00	291.00	256.56	262.60	267.66	273.86	280.65
N	F	COLL	B	22	262.14	8.56	248.00	286.00	251.60	255.50	261.00	265.60	271.60
N	F	COLL	W	157	270.92	11.33	242.00	306.00	256.16	263.65	270.73	276.95	284.77
N	F	D.K.	B	62	259.18	8.24	237.00	274.00	245.20	254.20	260.00	264.71	268.40
N	F	D.K.	W	88	268.06	11.30	237.00	297.00	253.73	262.47	267.33	272.91	283.76
TOTAL				9409	273.23	13.94	237.00	344.00	255.77	263.67	272.00	282.11	289.94

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 4b

STEP SCIENCE, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1798	286.33	12.38	249.00	324.00	269.92	277.18	285.47	294.54	302.22
NON-ACADEMIC	1747	275.52	11.28	249.00	317.00	260.18	266.93	274.36	282.40	289.96
MALES	1657	283.50	13.98	249.00	324.00	263.93	273.06	282.78	292.30	301.35
FEMALES	1888	278.81	11.70	249.00	317.00	262.57	270.38	277.62	286.21	293.91
ELEM F.ED.	1024	278.00	11.86	249.00	317.00	261.77	269.32	276.60	285.05	293.11
HS F.ED.	948	280.44	12.39	249.00	320.00	262.87	271.51	279.80	288.31	296.77
COLL F.ED.	1210	285.48	13.18	251.00	324.00	267.35	275.54	284.69	294.30	302.45
D.K.F.ED.	363	275.97	12.79	249.00	311.00	259.78	266.40	274.12	283.43	292.99
BLACK	542	270.61	10.32	249.00	317.00	256.76	262.45	269.35	275.71	283.68
WHITE	3003	282.88	12.58	249.00	324.00	265.87	273.59	281.87	290.70	299.09
NOT IN SAMPLE	3551	277.81	13.21	249.00	322.00	259.98	267.80	276.03	285.91	295.56

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	274.76	9.50	260.00	292.00	260.00	265.00	275.00	281.00	288.60
A	M	ELEM	W	156	285.87	12.96	251.00	317.00	268.30	276.86	285.88	294.80	300.40
A	M	HS	B	28	277.25	14.87	256.00	317.00	259.20	264.00	274.00	285.33	290.93
A	M	HS	W	224	288.41	11.55	249.00	320.00	273.13	280.67	287.85	296.50	301.87
A	M	COLL	B	20	276.30	12.38	255.00	298.00	260.00	264.00	276.00	283.20	292.00
A	M	COLL	W	390	293.19	12.16	256.00	324.00	276.80	283.95	293.24	301.75	307.60
A	M	D.K.	B	16	276.19	9.72	260.00	291.00	264.80	268.00	276.00	284.00	288.80
A	M	D.K.	W	34	288.91	11.62	265.00	311.00	274.80	279.60	287.00	296.67	306.13
A	F	ELEM	B	36	273.69	8.71	256.00	289.00	262.40	266.86	273.00	279.00	286.40
A	F	ELEM	W	146	282.84	10.68	251.00	310.00	268.91	274.75	281.57	290.12	297.35
A	F	HS	B	26	270.46	11.42	253.00	291.00	256.80	261.20	267.00	278.00	288.53
A	F	HS	W	186	284.47	10.82	258.00	317.00	270.24	276.56	283.44	291.15	297.97
A	F	COLL	B	15	275.13	8.06	263.00	291.00	264.67	267.67	274.00	278.50	289.00
A	F	COLL	W	440	285.79	10.26	253.00	313.00	272.51	277.50	284.82	291.79	299.05
A	F	D.K.	B	12	275.83	10.46	255.00	292.00	260.80	272.80	275.20	284.00	287.60
A	F	D.K.	W	52	284.44	12.18	262.00	310.00	268.20	275.20	283.00	290.86	302.40
N	M	ELEM	B	50	271.74	10.44	251.00	300.00	257.00	264.25	270.86	279.00	284.80
N	M	ELEM	W	233	277.33	11.79	249.00	308.00	260.54	268.47	276.67	284.90	291.25
N	M	HS	B	48	270.33	9.82	249.00	295.00	257.03	261.00	270.67	276.00	281.60
N	M	HS	W	169	279.02	11.92	251.00	317.00	262.76	270.31	277.04	286.76	294.48
N	M	COLL	B	19	270.26	10.49	258.00	294.00	258.53	261.40	268.50	274.50	288.40
N	M	COLL	W	136	283.01	11.93	251.00	310.00	266.49	274.40	282.61	290.10	298.28
N	M	D.K.	B	40	269.55	10.57	249.00	302.00	256.00	263.00	267.60	272.80	282.67
N	M	D.K.	W	77	276.17	12.38	249.00	300.00	258.70	267.22	276.33	283.67	292.30
N	F	ELEM	B	85	267.45	8.49	249.00	291.00	253.20	261.21	267.54	273.19	276.75
N	F	ELEM	W	301	276.82	9.61	253.00	303.00	264.01	269.72	275.50	282.30	289.03
N	F	HS	B	56	268.36	8.52	249.00	298.00	257.30	261.09	267.00	272.67	278.72
N	F	HS	W	211	276.73	8.69	251.00	298.00	264.29	270.73	275.56	282.21	287.04
N	F	COLL	B	21	266.62	8.30	251.00	291.00	256.20	261.00	265.20	269.75	275.60
N	F	COLL	W	169	274.93	11.37	251.00	303.00	259.07	265.18	274.28	282.32	290.03
N	F	D.K.	B	53	266.58	8.86	249.00	287.00	253.15	260.63	266.36	272.64	275.53
N	F	D.K.	W	79	274.16	10.41	249.00	297.00	260.45	266.38	272.67	279.62	290.80
TOTAL				3545	281.00	13.03	249.00	324.00	263.11	271.58	280.23	289.40	298.19

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did'not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 47

STEP SCIENCE, FORM 4B, GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	237532509.0000	3650			
MEAN	236922708.1758	1	236922708.1758	1417184.0000	0.0000
ERROR	610200.8242	3649	167.1784		
CUR	49186.3493	1	49186.3493	395.6206	0.0000
SEX	462.2818	1	462.2818	3.7183	0.0541
F.ED	9671.4050	3	3223.8017	25.9300	0.0000
RACE	42789.9860	1	42789.9860	344.1729	0.0000
ERROR	453047.3878	3643	124.3270		
CS	506.2958	1	506.2958	4.1160	0.0426
CF	1349.9781	3	449.9927	3.6583	0.0121
CR	1096.7075	1	1096.7075	8.9159	0.0029
SF	908.1103	3	302.7034	2.4609	0.0608
SR	37.2675	1	37.2675	0.3030	0.5822
FR	1096.0660	3	365.3553	2.9702	0.0308
ERROR	446757.5242	3631	123.0060		
CSF	468.4848	3	156.1616	1.2702	0.2829
CSR	799.6515	1	799.6515	6.5040	0.0109
CFR	137.4147	3	45.8049	0.3726	0.7727
SFR	93.7784	3	31.2595	0.2543	0.8584
ERROR	445314.0615	3621	122.9471		
CSFR	240.1977	3	80.0659	0.6510	0.5819
ERROR	445073.8638	3618	122.9826		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 48

STEP SCIENCE, FORM 3B, GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	254815513.0000	3590			
MEAN	254329647.6796	1	254329647.6796	1877664.0000	0.0000
ERROR	486265.3204	3589	135.4500		
CUR	44859.1105	1	44859.1105	447.4619	0.0000
SEX	1141.8752	1	1141.8752	11.3900	0.0009
F.ED	11465.3517	3	3821.7839	38.1216	0.0000
RACE	22873.9273	1	22873.9273	228.1635	0.0000
ERROR	359304.2002	3583	100.2523		
CS	540.6078	1	540.6078	5.4880	0.0193
CF	2474.6931	3	824.8977	8.3739	0.0001
CR	1063.7193	1	1063.7193	10.7983	0.0011
SF	1159.7861	3	386.5954	3.9245	0.0084
SR	40.9501	1	40.9501	0.4157	0.5194
FR	359.5919	3	119.8640	1.2168	0.3020
ERROR	351869.5302	3571	98.5078		
CSF	80.9040	3	26.9680	0.2737	0.8444
CSR	350.0650	1	350.0650	3.5523	0.0598
CFR	338.0476	3	112.6825	1.1434	0.3301
SFR	94.5631	3	31.5210	0.3199	0.8109
ERROR	351020.9661	3561	98.5461		
CSFR	170.4522	3	56.8174	0.5764	0.6304
ERROR	350850.5139	3558	98.5813		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 49

STEP SCIENCE, FORM 3A, GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	255165852.0000	3408			
MEAN	254503153.2825	1	254503153.2825	1308809.0000	0.0000
ERROR	662698.7175	3407	194.4539		
CUR	78316.2235	1	78316.2235	574.2039	0.0000
SEX	2268.0593	1	2268.0593	16.6291	0.0001
F.ED	16442.2890	3	5480.7630	40.1842	0.0000
RACE	34302.0888	1	34302.0888	251.4982	0.0000
ERROR	464001.8829	3401	136.3910		
CS	302.5525	1	302.5525	2.2365	0.1350
CF	1469.2652	3	489.7551	3.6203	0.0127
CR	372.8064	1	372.8064	2.7558	0.0972
SF	1607.5125	3	535.8375	3.9610	0.0079
SR	15.2315	1	15.2315	0.1126	0.7373
FR	445.3725	3	148.4575	1.0974	0.3489
ERROR	458597.4097	3389	135.2795		
CSF	417.6500	3	139.2167	1.0286	0.3787
CSR	225.7467	1	225.7467	1.6679	0.1968
CFR	327.8774	3	109.2925	0.8075	0.4894
SFR	84.0128	3	28.0043	0.2069	0.8916
ERROR	457462.6558	3379	135.3440		
CSFR	61.0228	3	20.3409	0.1502	0.9298
ERROR	457401.6730	3376	135.4462		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SCIENCE, FORM 2B, GRADE 11, 1967

DEPENDENT VARIABLE I

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	280518131.0000	3544			
MEAN	279916265.2517	1	279916265.2517	1648246.0000	0.0000
ERROR	601865.7483	3543	169.8267		
CUR	57875.6151	1	57875.6151	473.1467	0.0000
SEX	14528.7970	1	14528.7970	118.7763	0.0000
F.ED	5958.0470	3	1986.0157	16.2361	0.0001
RACE	38017.6273	1	38017.6273	310.8030	0.0000
ERROR	432770.2170	3537	122.3206		
CS	192.7134	1	192.7134	1.6030	0.2057
CF	1612.1593	3	537.3998	4.4702	0.0040
CR	989.0024	1	989.0024	8.2267	0.0043
SF	3669.4579	3	1223.1526	10.1744	0.0001
SR	0.0045	1	0.0045	0.0000	0.9951
FR	579.5442	3	193.1814	1.6069	0.1857
ERROR	423892.6516	3525	120.2192		
CSF	326.0753	3	108.6918	0.9038	0.4384
CSR	86.3252	1	86.3252	0.7178	0.3972
CFR	61.3107	3	20.4369	0.1699	0.9165
SFR	600.9406	3	200.3135	1.6656	0.1723
ERROR	422857.6368	3515	120.2667		
CSFR	336.2597	3	112.0866	0.9319	0.4243
ERROR	422521.3771	3512	120.2737		

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 51

STEP SCIENCE, 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1578	274.03	10.79	241.50	311.50	260.51	267.05	273.28	280.18	288.07
NON-ACADEMIC	1624	263.42	9.06	240.00	299.25	251.73	256.84	262.86	269.40	275.14
MALES	1509	270.02	12.36	240.25	311.50	253.78	260.68	269.48	277.65	286.36
FEMALES	1693	267.42	10.05	240.00	307.25	254.50	260.27	267.04	273.91	280.13
ELEM F.ED.	966	265.70	9.67	240.25	302.50	253.06	258.73	265.40	271.47	278.44
HS F.ED.	882	267.98	10.54	242.00	309.25	254.21	260.41	267.76	274.71	280.43
COLL F.ED.	1013	273.68	11.52	243.00	311.50	258.18	265.91	273.11	280.84	288.79
D.K.F.ED.	341	263.77	11.10	240.00	305.00	249.73	256.21	262.34	270.61	277.53
BLACK	510	259.01	8.13	240.00	291.50	248.86	253.16	258.28	263.74	270.06
WHITE	2692	270.47	10.85	240.25	311.50	256.62	262.91	269.82	276.93	284.48
NOT IN SAMPLE	249	264.18	11.96	242.75	305.75	250.07	255.00	262.00	271.50	280.93

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	261.51	7.58	244.00	274.75	253.40	257.00	260.67	266.33	272.60
A	M	ELEM	W	152	272.53	11.09	241.50	302.50	257.83	265.88	271.74	279.58	286.90
A	M	HS	B	26	261.70	9.37	245.25	281.25	251.20	254.00	259.00	269.20	276.80
A	M	HS	W	208	275.06	10.35	247.75	309.25	264.25	268.37	273.79	280.00	287.49
A	M	COLL	B	19	266.71	9.15	253.50	291.50	256.90	259.75	266.00	270.60	280.40
A	M	COLL	W	325	279.99	11.17	249.25	311.50	266.00	272.50	279.19	287.43	294.21
A	M	D.K.	B	16	262.56	8.78	245.00	276.75	250.40	256.00	262.67	268.00	276.75
A	M	D.K.	W	31	276.27	10.87	259.00	298.75	262.20	268.88	273.50	279.50	295.60
A	F	ELEM	B	34	263.24	6.07	251.25	278.25	255.20	259.60	262.91	266.44	271.20
A	F	ELEM	W	132	270.39	8.91	243.50	294.25	257.89	265.19	270.07	276.29	282.27
A	F	HS	B	25	261.42	9.96	246.75	278.75	249.50	253.25	260.50	269.50	277.50
A	F	HS	W	169	273.10	8.08	254.25	296.75	261.98	268.36	273.03	277.90	284.44
A	F	COLL	B	15	264.70	8.88	251.75	282.75	253.00	259.00	263.50	267.25	278.00
A	F	COLL	W	349	275.46	8.45	256.25	307.25	265.16	269.07	274.42	280.56	286.85
A	F	D.K.	B	12	262.60	8.61	248.75	276.75	252.80	257.00	260.00	268.00	275.60
A	F	D.K.	W	48	273.17	11.17	244.50	305.00	261.44	267.20	272.36	278.00	289.60
N	M	ELEM	B	49	258.79	8.39	242.50	280.00	248.45	252.13	257.50	264.60	270.07
N	M	ELEM	W	221	264.49	8.90	240.25	285.75	252.02	257.81	264.58	270.53	275.98
N	M	HS	B	43	258.27	7.36	244.25	273.50	249.20	251.55	257.75	263.12	269.40
N	M	HS	W	160	265.69	9.75	247.25	298.25	253.56	258.26	264.59	272.60	278.15
N	M	COLL	B	18	259.08	8.30	248.25	280.00	250.40	253.50	257.33	262.00	272.80
N	M	COLL	W	115	268.94	11.01	245.00	299.25	253.83	259.91	269.30	275.12	283.00
N	M	D.K.	B	37	256.37	6.94	245.00	272.75	246.47	251.25	255.78	259.89	267.07
N	M	D.K.	W	72	262.69	9.38	245.25	285.75	249.76	256.00	261.67	269.71	274.72
N	F	ELEM	B	77	256.70	6.69	240.50	271.50	248.52	252.07	257.12	261.72	264.87
N	F	ELEM	W	284	264.99	7.39	243.50	286.75	254.94	259.79	264.79	269.83	274.77
N	F	HS	B	53	257.66	7.14	242.00	277.75	248.20	252.90	257.57	261.90	266.70
N	F	HS	W	198	264.53	7.22	245.00	282.75	255.47	259.35	264.21	269.54	273.73
N	F	COLL	B	20	255.61	7.28	243.00	278.25	248.00	252.00	254.50	258.67	262.67
N	F	COLL	W	152	265.55	8.62	243.75	291.25	254.62	259.45	265.19	271.45	276.80
N	F	D.K.	B	49	255.08	6.34	240.00	269.00	245.27	249.86	256.56	259.28	263.28
N	F	D.K.	W	76	263.38	8.67	242.50	286.50	253.04	257.33	262.93	267.75	275.20
TOTAL				3202	268.65	11.27	240.00	311.50	254.15	260.42	268.14	275.56	283.18

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 52

STEP SCIENCE, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1578	20.12	7.64	-7.83	48.75	10.72	15.06	19.96	24.87	29.90
NON-ACADEMIC	1624	18.67	7.85	-5.37	52.77	8.95	13.44	18.39	23.64	28.36
MALES	1509	20.62	8.40	-7.83	52.77	10.18	14.97	20.51	25.71	31.38
FEMALES	1693	18.28	7.00	-5.37	48.75	9.43	13.62	18.22	23.00	27.00
ELEM F.ED.	966	18.95	7.43	-4.25	46.51	9.58	14.18	18.68	23.71	28.48
HS F.ED.	882	19.60	7.90	-7.83	48.75	10.43	14.22	19.57	24.54	29.35
COLL F.ED.	1013	19.60	7.97	-5.37	52.77	9.43	14.12	19.38	24.55	29.75
D.K.F.ED.	341	19.40	7.80	-2.24	46.51	10.14	14.08	19.16	24.12	28.91
BLACK	510	18.97	7.18	-0.22	46.51	10.30	14.05	18.76	23.41	27.96
WHITE	2692	19.46	7.88	-7.83	52.77	9.62	14.19	19.25	24.44	29.48
NOT IN SAMPLE	249	20.13	8.32	-4.25	44.50	10.13	14.98	19.90	25.59	30.37

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	22.37	8.23	7.83	34.44	10.05	17.25	21.00	29.81	31.95
A	M	ELEM	W	152	20.65	7.77	-3.80	36.67	11.16	16.00	20.70	26.38	30.81
A	M	HS	B	26	20.01	7.47	6.93	40.92	12.10	14.75	20.00	23.62	30.60
A	M	HS	W	208	21.10	8.39	-7.83	44.94	11.29	15.55	21.50	26.10	32.16
A	M	COLL	B	19	19.21	8.96	0.67	34.88	7.20	13.13	19.88	24.37	31.80
A	M	COLL	W	325	21.67	8.30	-2.46	48.52	10.90	16.22	21.57	27.02	32.16
A	M	D.K.	B	16	24.32	6.94	13.19	37.34	15.30	19.50	24.00	28.50	33.90
A	M	D.K.	W	31	21.11	7.81	4.47	38.46	10.65	15.56	21.37	25.65	28.44
A	F	ELEM	B	34	18.51	6.90	6.04	38.46	10.80	14.14	18.00	21.86	27.30
A	F	ELEM	W	132	19.39	6.29	0.45	34.66	10.58	15.62	19.62	23.75	27.08
A	F	HS	B	25	17.23	7.26	1.79	32.87	10.95	12.08	15.00	23.25	27.75
A	F	HS	W	169	19.24	7.73	-0.67	48.75	9.45	14.44	19.66	23.98	27.45
A	F	COLL	B	15	19.23	5.60	11.18	32.42	12.75	15.25	18.38	22.87	27.00
A	F	COLL	W	349	18.58	6.65	2.01	46.06	9.89	14.07	18.39	23.04	27.01
A	F	D.K.	B	12	22.57	9.29	4.47	42.71	16.65	18.00	21.00	25.50	33.90
A	F	D.K.	W	48	19.75	6.23	6.48	34.66	11.40	15.75	19.80	24.30	27.73
N	M	ELEM	B	49	19.07	6.86	1.79	38.24	10.43	14.04	19.29	23.55	27.55
N	M	ELEM	W	221	19.17	8.78	-2.46	46.51	8.22	13.62	18.63	24.55	31.17
N	M	HS	B	43	18.95	6.48	2.91	30.86	9.80	14.42	19.20	23.92	27.20
N	M	HS	W	160	20.13	8.55	2.01	45.17	8.36	13.90	20.34	24.94	31.00
N	M	COLL	B	18	18.26	6.38	8.72	31.08	9.30	14.40	18.00	21.60	27.30
N	M	COLL	W	115	21.66	9.18	2.01	52.77	9.82	15.42	21.00	27.45	32.85
N	M	D.K.	B	37	20.94	9.30	2.46	46.51	10.05	14.44	21.00	25.03	29.40
N	M	D.K.	W	72	19.88	9.23	-2.24	44.05	9.15	14.10	20.10	25.50	30.90
N	F	ELEM	B	77	17.01	6.67	-0.22	32.87	8.14	12.47	17.34	21.44	25.24
N	F	ELEM	W	284	18.00	6.66	-4.25	36.67	9.77	13.62	17.70	22.15	26.70
N	F	HS	B	53	17.71	5.93	1.57	30.63	10.61	13.58	17.54	21.87	25.92
N	F	HS	W	198	18.79	7.63	-4.92	39.58	9.95	13.89	18.40	24.10	28.59
N	F	COLL	B	20	19.89	5.97	5.37	30.63	13.50	15.75	20.50	23.50	27.00
N	F	COLL	W	152	16.16	8.01	-5.37	37.34	6.05	10.50	16.15	22.86	25.74
N	F	D.K.	B	49	18.42	6.77	3.13	33.54	10.35	12.92	18.82	22.42	28.57
N	F	D.K.	W	76	16.38	5.80	4.02	31.53	8.46	12.50	16.00	20.00	23.90
TOTAL				3202	19.38	7.78	-7.83	52.77	9.73	14.16	19.16	24.30	29.21

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 53

STEP SCIENCE, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1578	-2.30	6.69	-35.00	23.00	-10.24	-6.39	-1.79	1.43	5.70
NON-ACADEMIC	1624	-1.60	7.12	-27.00	27.00	-10.08	-5.99	-1.64	2.63	7.59
MALES	1509	-1.57	7.45	-35.00	27.00	-10.39	-6.09	-1.39	2.92	7.50
FEMALES	1693	-2.28	6.39	-25.50	22.50	-10.01	-6.28	-1.97	1.40	5.30
ELEM F.ED.	966	-1.29	6.66	-22.50	27.00	-9.40	-5.22	-1.30	2.28	6.85
HS F.ED.	882	-1.67	7.03	-35.00	22.50	-9.79	-5.89	-1.54	2.27	7.29
COLL F.ED.	1013	-2.69	6.99	-29.50	23.00	-11.04	-6.93	-2.36	1.61	5.83
D.K.F.ED.	341	-2.28	6.94	-20.00	18.00	-11.41	-6.88	-1.78	1.99	6.80
BLACK	510	-3.17	7.01	-22.50	17.50	-11.95	-7.52	-3.00	1.06	5.80
WHITE	2692	-1.71	6.88	-35.00	27.00	-9.91	-5.89	-1.47	2.23	6.78
NOT IN SAMPLE	249	-4.39	7.36	-25.00	14.00	-13.09	-8.98	-4.47	0.10	4.80

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	-3.56	7.60	-14.00	14.00	-13.95	-9.75	-4.88	1.25	6.45
A	M	ELEM	W	152	-0.68	6.48	-15.00	21.50	-9.63	-3.98	-0.48	3.07	7.06
A	M	HS	B	26	-2.21	5.27	-14.00	8.00	-8.90	-6.00	-1.50	0.94	3.90
A	M	HS	W	208	-1.73	7.67	-35.00	19.50	-10.12	-6.26	-1.44	2.50	7.74
A	M	COLL	B	19	-6.00	6.87	-18.00	8.00	-12.82	-10.69	-6.25	-2.63	7.65
A	M	COLL	W	325	-2.16	7.62	-29.50	23.00	-11.18	-6.58	-1.71	2.40	6.85
A	M	D.K.	B	16	-5.06	6.53	-15.00	5.00	-14.10	-11.50	-4.50	0.0	2.70
A	M	D.K.	W	31	-2.65	7.44	-19.00	11.00	-13.35	-6.38	-1.71	1.22	5.85
A	F	ELEM	B	34	-3.40	6.31	-18.00	6.00	-12.30	-7.80	-2.00	1.31	3.80
A	F	ELEM	W	132	-1.60	5.00	-15.50	20.50	-8.40	-4.69	-1.68	1.32	4.04
A	F	HS	B	25	-4.52	7.55	-20.50	8.50	-14.25	-9.54	-4.13	1.25	5.25
A	F	HS	W	169	-2.12	5.73	-25.50	22.50	-9.17	-5.46	-1.37	0.90	3.73
A	F	COLL	B	15	-5.67	6.66	-22.50	6.00	-12.00	-7.88	-4.88	-1.25	1.00
A	F	COLL	W	349	-2.88	5.94	-22.00	16.00	-10.21	-6.62	-2.37	1.00	4.23
A	F	D.K.	B	12	-4.38	5.91	-15.00	3.50	-10.35	-9.00	-3.50	1.50	3.30
A	F	D.K.	W	48	-2.66	6.98	-20.00	14.00	-10.20	-7.50	-1.50	1.50	5.70
N	M	ELEM	B	49	-0.74	7.79	-15.00	17.50	-9.05	-6.34	-2.14	4.31	10.65
N	M	ELEM	W	221	-0.81	7.43	-22.00	27.00	-9.83	-5.51	-1.04	3.62	8.42
N	M	HS	B	43	-1.60	6.93	-13.50	16.50	-9.72	-6.32	-2.06	2.44	7.27
N	M	HS	W	160	-0.68	7.81	-27.00	19.00	-9.00	-5.05	-1.04	3.95	9.50
N	M	COLL	B	18	-4.39	7.44	-20.50	6.00	-15.30	-8.25	-3.30	2.00	4.80
N	M	COLL	W	115	-1.38	7.75	-23.00	18.00	-10.80	-6.05	-0.86	3.54	8.40
N	M	D.K.	B	37	-3.34	7.16	-16.50	16.50	-12.48	-6.96	-3.33	1.31	5.40
N	M	D.K.	W	72	-0.72	7.15	-19.00	18.00	-9.56	-5.25	-0.44	3.83	8.58
N	F	ELEM	B	77	-3.34	7.01	-22.50	14.00	-11.47	-7.43	-2.92	0.20	3.97
N	F	ELEM	W	284	-1.01	6.34	-22.50	21.00	-8.19	-4.45	-1.12	2.17	6.67
N	F	HS	B	53	-3.02	7.57	-18.50	14.50	-13.20	-7.08	-3.00	1.95	7.27
N	F	HS	W	198	-1.26	6.58	-20.50	17.00	-9.60	-5.37	-1.42	2.90	8.06
N	F	COLL	B	20	-4.53	5.11	-16.00	3.00	-9.90	-8.10	-3.75	-0.00	2.50
N	F	COLL	W	152	-3.21	7.21	-22.00	18.50	-12.24	-8.07	-3.55	1.64	5.40
N	F	D.K.	B	49	-2.54	7.10	-17.00	10.50	-12.36	-7.31	-1.67	1.44	7.56
N	F	D.K.	W	76	-1.77	6.42	-13.50	15.00	-10.30	-6.50	-1.71	2.40	7.14
TOTAL				3202	-1.94	6.92	-35.00	27.00	-10.17	-6.19	-1.71	2.04	6.64

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SCIENCE, 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	231499828.2500	3201			
MEAN	231092591.3050	1	231092591.3050	1816453.0000	0.0000
ERROR	407236.9450	3200	127.2218		
CUR	51476.8589	1	51476.8589	614.2656	0.0000
SEX	2765.9930	1	2765.9930	33.0062	0.0000
F.ED	8771.2481	3	2923.7494	34.8887	0.0000
RACE	31476.9655	1	31476.9655	375.6099	0.0000
ERROR	267748.0817	3194	83.8023		
CS	237.3165	1	237.3165	2.8834	0.0899
CF	1698.6673	3	566.2224	6.8797	0.0002
CR	1000.8872	1	1000.8872	12.1610	0.0006
SF	1290.6429	3	430.2143	5.2272	0.0014
SR	3.5816	1	3.5816	0.0435	0.8348
FR	326.7916	3	108.9305	1.3235	0.2649
ERROR	261971.0170	3182	82.3032		
CSF	87.7759	3	29.2586	0.3553	0.7851
CSR	311.1707	1	311.1707	3.7792	0.0521
CFR	248.5722	3	82.8574	1.0063	0.3890
SFR	37.7844	3	12.5948	0.1530	0.9279
ERROR	261257.5522	3172	82.3377		
CSFR	111.6162	3	37.2054	0.4516	0.7159
ERROR	261145.9360	3169	82.3805		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 55

STEP SCIENCE, 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	1396443.3371	3201			
MEAN	1202870.5643	1	1202870.5643	19891.1602	0.0000
ERROR	193572.7728	3200	60.4726		
CUR	1193.9167	1	1193.9167	20.3181	0.0001
SEX	4000.9056	1	4000.9056	68.0874	0.0000
F.ED	104.0829	3	34.6943	0.5904	0.6211
RACE	15.0834	1	15.0834	0.2567	0.6126
ERROR	187742.4087	3194	58.7613		
CS	30.7195	1	30.7195	0.5246	0.4690
CF	266.8389	3	88.9463	1.5188	0.2076
CR	0.0138	1	0.0138	0.0002	0.9877
SF	614.5964	3	204.8655	3.4983	0.0150
SR	17.4739	1	17.4739	0.2984	0.5851
FR	492.8771	3	164.2924	2.8055	0.0384
ERROR	186401.5539	3182	58.5616		
CSF	259.6717	3	86.5572	1.4801	0.2179
CSR	75.5100	1	75.5100	1.2912	0.2560
CFR	76.9099	3	25.6366	0.4384	0.7255
SFR	533.0579	3	177.6860	3.0383	0.0281
ERROR	185560.9776	3172	58.4813		
CSFR	24.7962	3	8.2654	0.1412	0.9351
ERROR	185536.1814	3169	58.5288		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 56

STEP SCIENCE, 2ND ORDER TREND

DEPENDENT VARIABLE I

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	165341.0000	3201			
MEAN	12094.2151	1	12094.2151	252.6224	0.0000
ERROR	153246.7849	3200	47.8747		
CUR	289.2146	1	289.2146	6.1460	0.0133
SEX	411.8786	1	411.8786	8.7527	0.0032
F.ED	944.0356	3	314.6785	6.6871	0.0003
RACE	1236.3575	1	1236.3575	26.2734	0.0001
ERROR	150348.2252	3194	47.0574		
CS	17.6174	1	17.6174	0.3738	0.5412
CF	107.5993	3	35.8664	0.7610	0.5156
CR	36.6620	1	36.6620	0.7779	0.3781
SF	54.5830	3	18.1943	0.3860	0.7630
SR	12.2207	1	12.2207	0.2593	0.6107
FR	70.5250	3	23.5083	0.4988	0.6828
ERROR	150021.2578	3182	47.1321		
CSF	51.1053	3	17.0351	0.3609	0.7813
CSR	4.4080	1	4.4080	0.0934	0.7600
CFR	13.4994	3	4.4998	0.0953	0.9626
SFR	172.2972	3	57.4324	1.2166	0.3021
ERROR	149789.2483	3172	47.2075		
CSFR	94.3343	3	31.4448	0.6659	0.5729
ERROR	149694.9140	3169	47.2224		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 57

STEP READING, FORM 4B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1837	264.92	16.10	226.00	311.00	243.84	252.56	264.31	275.97	285.26
NON-ACADEMIC	1826	252.27	13.71	226.00	303.00	234.12	241.99	251.08	260.71	270.73
MALES	1724	255.86	16.10	226.00	311.00	234.95	243.50	253.86	266.52	276.87
FEMALES	1939	261.07	15.97	226.00	311.00	240.97	249.23	259.39	272.28	283.26
ELEM F.ED.	1052	255.39	14.42	226.00	311.00	237.23	245.06	253.38	264.25	274.75
HS F.ED.	960	257.51	15.73	226.00	311.00	237.18	246.09	255.69	268.47	277.71
COLL F.ED.	1234	264.50	16.41	226.00	311.00	243.23	251.92	263.81	275.93	285.19
D.K.F.ED.	417	251.88	15.83	226.00	303.00	231.28	239.25	249.96	260.71	273.33
BLACK	584	246.48	12.45	226.00	283.00	230.56	236.91	244.71	253.53	263.24
WHITE	3079	260.92	15.85	226.00	311.00	240.68	249.48	259.27	271.78	282.74
NOT IN SAMPLE	5098	252.61	16.38	226.00	311.00	232.51	239.33	250.13	262.58	275.45

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	245.61	8.84	226.00	261.00	235.07	238.67	244.67	251.00	258.40
A	M	ELEM	W	160	258.79	15.43	226.00	311.00	239.00	247.75	256.89	269.73	276.77
A	M	HS	B	30	249.70	14.90	226.00	278.00	230.00	239.20	245.20	260.00	274.00
A	M	HS	W	228	262.06	15.11	226.00	303.00	242.60	251.45	261.24	270.60	282.98
A	M	COLL	B	20	251.75	11.63	227.00	274.00	238.80	241.20	251.00	259.33	270.00
A	M	COLL	W	398	266.01	15.65	226.00	307.00	245.95	254.18	265.33	276.58	284.99
A	M	D.K.	B	16	245.13	13.29	226.00	276.00	226.00	235.33	242.00	254.00	257.20
A	M	D.K.	W	38	261.18	14.40	226.00	289.00	245.60	250.40	259.33	272.00	282.40
A	F	ELEM	B	37	255.00	12.54	231.00	283.00	238.70	245.00	254.67	263.75	271.73
A	F	ELEM	W	147	266.26	15.76	227.00	307.00	245.26	253.92	265.82	277.31	285.78
A	F	HS	B	27	254.93	14.65	231.00	280.00	235.70	241.50	255.00	266.33	276.60
A	F	HS	W	186	268.15	14.64	236.00	311.00	249.03	255.08	269.25	277.52	285.87
A	F	COLL	B	15	256.33	16.26	227.00	283.00	232.00	245.00	255.00	267.00	277.00
A	F	COLL	W	448	271.05	15.15	231.00	311.00	250.52	258.94	271.37	282.67	290.30
A	F	D.K.	B	13	254.46	15.91	226.00	280.00	238.60	242.50	253.00	257.67	279.40
A	F	D.K.	W	56	266.54	14.55	236.00	292.00	247.20	256.67	266.67	276.67	286.40
N	M	ELEM	B	55	243.65	10.56	226.00	274.00	231.00	235.88	240.92	250.71	259.00
N	M	ELEM	W	240	250.23	12.67	226.00	292.00	233.75	240.73	249.39	257.26	268.00
N	M	HS	B	50	243.38	10.63	226.00	269.00	228.29	235.20	242.00	249.71	259.00
N	M	HS	W	171	250.65	13.00	226.00	289.00	232.44	240.75	250.08	258.60	267.95
N	M	COLL	B	21	245.43	12.89	226.00	276.00	231.10	234.25	245.00	253.50	261.80
N	M	COLL	W	141	254.72	13.73	226.00	289.00	235.55	244.83	253.12	264.50	273.92
N	M	D.K.	B	52	237.96	9.07	226.00	261.00	226.53	230.00	236.00	241.60	249.60
N	M	D.K.	W	86	248.23	14.12	226.00	303.00	230.40	237.33	247.54	254.75	262.80
N	F	ELEM	B	87	247.90	10.12	226.00	271.00	234.35	241.83	247.38	254.50	260.46
N	F	ELEM	W	308	257.27	11.89	226.00	295.00	241.58	248.93	255.85	264.62	272.80
N	F	HS	B	56	245.89	12.23	226.00	278.00	231.16	236.00	244.00	252.40	263.60
N	F	HS	W	212	256.67	13.39	226.00	292.00	239.26	247.45	254.95	265.56	275.48
N	F	COLL	B	22	242.64	11.50	226.00	271.00	226.00	235.67	240.67	249.00	253.60
N	F	COLL	W	169	259.23	13.91	231.00	298.00	242.58	248.36	258.43	268.17	276.58
N	F	D.K.	B	65	243.52	10.33	226.00	283.00	230.29	235.44	243.27	248.92	253.71
N	F	D.K.	W	91	257.15	13.68	226.00	303.00	240.80	248.69	255.00	263.89	273.37
TOTAL				3663	258.62	16.24	226.00	311.00	237.80	246.83	256.73	269.76	280.95

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 28

STEP READING, FORM 3B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1799	278.78	16.03	234.00	309.00	254.51	267.68	281.29	291.05	297.22
NON-ACADEMIC	1792	263.35	15.98	234.00	306.00	241.33	250.56	262.33	274.98	284.74
MALES	1692	268.52	18.19	234.00	309.00	242.70	253.66	268.34	282.80	292.15
FEMALES	1899	273.37	17.07	234.00	307.00	248.45	259.19	274.35	286.70	294.73
ELEM F.ED.	1015	267.00	16.44	234.00	309.00	244.84	254.32	266.00	279.38	288.70
HS F.ED.	939	269.84	17.57	234.00	306.00	244.55	256.10	270.30	283.55	292.32
COLL F.ED.	1224	278.05	16.41	234.00	307.00	253.40	266.46	280.46	290.53	297.30
D.K.F.ED.	413	263.27	18.25	234.00	306.00	238.72	247.07	260.86	276.71	289.28
BLACK	565	257.93	15.07	234.00	301.00	236.81	245.99	255.85	267.97	278.44
WHITE	3026	273.54	17.15	234.00	309.00	247.53	259.81	274.72	286.92	294.76
NOT IN SAMPLE	4417	263.48	18.82	234.00	311.00	238.27	246.96	260.17	278.24	289.81

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	259.11	15.15	234.00	288.00	235.60	247.00	258.40	266.00	280.80
A	M	ELEM	W	158	271.30	18.13	234.00	309.00	244.27	254.73	273.60	286.00	292.80
A	M	HS	B	29	260.93	16.17	234.00	289.00	239.60	248.33	258.50	271.67	284.40
A	M	HS	W	223	275.80	16.03	236.00	305.00	252.94	263.92	276.87	288.21	295.06
A	M	COLL	B	20	262.60	16.83	234.00	289.00	234.67	248.00	265.00	272.00	280.00
A	M	COLL	W	391	281.29	14.73	238.00	306.00	259.17	271.23	283.32	292.66	298.19
A	M	D.K.	B	16	264.44	16.60	238.00	288.00	239.20	253.00	260.00	280.00	283.20
A	M	D.K.	W	38	276.58	15.36	240.00	301.00	257.07	268.33	274.29	289.50	296.40
A	F	ELEM	B	34	270.03	15.65	234.00	297.00	249.60	256.67	272.67	281.00	287.60
A	F	ELEM	W	136	277.14	16.29	236.00	302.00	254.60	264.40	280.50	291.00	296.74
A	F	HS	B	26	268.92	17.50	234.00	298.00	245.20	253.00	272.00	279.50	292.80
A	F	HS	W	182	282.77	12.65	248.00	306.00	265.12	273.24	284.67	292.73	296.86
A	F	COLL	B	15	270.80	15.14	243.00	295.00	246.00	259.00	272.67	277.67	293.00
A	F	COLL	W	445	284.82	12.80	238.00	307.00	265.37	277.65	286.54	294.13	299.15
A	F	D.K.	B	13	265.15	16.71	245.00	294.00	246.60	252.33	262.00	271.00	293.40
A	F	D.K.	W	55	279.40	15.78	234.00	303.00	257.00	269.50	281.56	290.60	298.00
N	M	ELEM	B	55	254.78	11.38	234.00	282.00	238.50	246.11	253.56	261.00	269.67
N	M	ELEM	W	232	262.06	14.76	234.00	298.00	241.53	251.69	260.55	272.25	281.03
N	M	HS	B	46	251.98	12.80	234.00	280.00	234.04	240.67	250.67	260.67	267.52
N	M	HS	W	168	260.96	16.26	234.00	302.00	238.72	245.87	261.23	273.23	281.47
N	M	COLL	B	21	257.90	13.16	240.00	280.00	242.20	245.50	258.00	269.00	275.60
N	M	COLL	W	140	266.34	15.79	234.00	297.00	244.40	253.60	266.33	278.67	286.91
N	M	D.K.	B	51	249.67	13.20	234.00	294.00	235.40	239.00	246.20	255.40	265.80
N	M	D.K.	W	86	256.63	15.99	234.00	306.00	236.34	243.71	252.57	268.33	275.70
N	F	ELEM	B	83	256.23	13.20	234.00	285.00	235.32	246.56	255.29	264.71	273.70
N	F	ELEM	W	299	269.32	14.13	234.00	303.00	250.87	257.65	268.93	279.58	287.06
N	F	HS	B	54	258.76	14.11	234.00	291.00	240.80	247.71	256.57	266.80	278.13
N	F	HS	W	211	267.53	15.46	234.00	302.00	245.57	256.14	268.52	276.82	287.63
N	F	COLL	B	21	258.38	13.94	234.00	301.00	244.20	249.67	258.00	262.75	270.53
N	F	COLL	W	171	269.96	16.16	234.00	303.00	244.06	258.11	270.83	281.42	289.16
N	F	D.K.	B	63	252.62	12.26	234.00	284.00	235.15	242.71	250.44	260.33	269.80
N	F	D.K.	W	91	268.76	16.17	234.00	302.00	245.77	257.15	268.86	280.90	289.73
TOTAL				3591	271.08	17.77	234.00	309.00	245.30	256.72	271.58	285.05	293.76

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 59

STEP READING, FORM 3A, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1661	289.18	13.76	236.00	317.00	269.03	282.36	291.30	298.72	303.66
NON-ACADEMIC	1749	274.95	16.38	234.00	307.00	250.50	262.73	276.60	287.17	295.22
MALES	1607	278.74	17.48	234.00	315.00	252.82	266.31	281.17	292.26	299.84
FEMALES	1803	284.67	15.55	234.00	317.00	261.61	275.24	287.10	296.24	301.69
ELEM F.ED.	1038	278.57	16.08	234.00	314.00	254.66	267.89	280.61	289.88	297.82
HS F.ED.	914	280.96	16.47	234.00	312.00	257.03	269.67	283.39	294.02	300.04
COLL F.ED.	1058	288.65	14.54	234.00	317.00	267.31	281.70	290.82	298.91	303.81
D.K.F.ED.	400	274.66	18.44	234.00	312.00	248.25	259.79	276.29	289.11	297.68
BLACK	569	269.99	15.93	234.00	312.00	247.50	258.40	270.54	281.98	289.27
WHITE	2841	284.26	15.87	234.00	317.00	260.50	274.21	286.94	296.15	301.74
NOT IN SAMPLE	4684	274.10	18.90	234.00	317.00	246.38	259.47	275.40	288.64	297.80

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	274.00	10.91	247.00	288.00	259.60	268.00	274.00	282.50	285.20
A	M	ELEM	W	160	283.25	15.61	236.00	312.00	259.14	272.22	286.00	295.63	300.00
A	M	HS	B	30	274.77	14.30	245.00	296.00	254.00	262.67	278.00	287.20	292.00
A	M	HS	W	214	286.18	13.94	245.00	310.00	266.16	278.50	288.06	296.06	302.40
A	M	COLL	B	19	278.16	14.11	250.00	309.00	259.80	265.50	279.00	287.25	298.40
A	M	COLL	W	339	291.15	12.43	247.00	315.00	273.30	285.00	293.07	300.02	304.10
A	M	D.K.	B	16	273.88	18.38	245.00	301.00	252.40	259.00	266.00	290.00	295.60
A	M	D.K.	W	36	290.78	10.07	267.00	310.00	278.80	286.44	290.57	297.00	303.60
A	F	ELEM	B	37	282.73	13.16	240.00	301.00	267.40	276.50	285.71	290.60	295.73
A	F	ELEM	W	145	289.68	14.12	245.00	314.00	268.80	282.56	292.47	299.17	303.69
A	F	HS	B	27	276.85	17.47	240.00	302.00	248.80	265.00	280.00	289.25	296.60
A	F	HS	W	174	291.83	11.10	260.00	312.00	275.70	285.88	294.12	299.61	303.90
A	F	COLL	B	15	285.00	14.05	252.00	312.00	274.50	276.75	284.50	289.00	304.00
A	F	COLL	W	365	295.23	9.78	250.00	317.00	283.00	289.11	296.38	301.34	305.41
A	F	D.K.	B	13	277.31	15.82	251.00	299.00	252.60	267.00	280.00	288.33	296.80
A	F	D.K.	W	53	290.47	13.43	247.00	312.00	273.07	282.33	291.67	299.87	304.47
N	M	ELEM	B	55	263.71	14.08	238.00	305.00	246.40	252.50	261.78	271.89	281.00
N	M	ELEM	W	238	270.87	15.57	234.00	305.00	246.72	260.71	271.93	282.52	289.05
N	M	HS	B	48	265.46	15.73	234.00	296.00	243.60	255.33	263.33	274.00	287.60
N	M	HS	W	162	271.54	16.44	234.00	306.00	249.36	259.22	271.20	283.40	293.89
N	M	COLL	B	21	267.19	14.05	242.00	290.00	246.40	256.50	267.00	279.00	287.20
N	M	COLL	W	120	278.18	15.91	234.00	305.00	254.00	267.67	281.20	289.05	296.80
N	M	D.K.	B	51	261.35	15.33	234.00	305.00	242.13	249.80	259.75	271.00	279.80
N	M	D.K.	W	80	266.81	16.50	234.00	307.00	246.50	254.00	265.00	279.00	290.67
N	F	ELEM	B	82	269.74	13.47	238.00	293.00	250.69	259.43	270.40	280.62	287.03
N	F	ELEM	W	303	281.67	13.05	242.00	307.00	261.57	273.59	283.18	290.04	297.15
N	F	HS	B	54	271.31	15.25	234.00	302.00	247.60	260.00	272.22	282.67	289.20
N	F	HS	W	205	281.34	14.79	238.00	307.00	261.00	272.31	282.50	292.69	298.50
N	F	COLL	B	21	269.57	14.66	245.00	299.00	250.20	259.00	268.00	277.50	288.53
N	F	COLL	W	158	283.02	15.14	234.00	307.00	263.03	273.50	285.16	293.41	300.76
N	F	D.K.	B	62	263.71	15.57	234.00	290.00	240.00	253.00	264.00	276.00	281.87
N	F	D.K.	W	89	280.79	14.79	247.00	303.00	258.72	272.17	281.87	292.37	297.67
TOTAL				3410	281.88	16.75	234.00	317.00	257.27	270.60	284.73	294.83	301.02

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP READING, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1805	301.40	15.17	245.00	339.00	281.29	292.33	302.43	311.99	319.10
NON-ACADEMIC	1756	285.30	16.98	245.00	333.00	260.77	273.69	286.34	296.13	305.94
MALES	1669	290.72	18.69	245.00	339.00	262.84	277.93	292.32	303.90	313.44
FEMALES	1892	295.88	16.99	245.00	336.00	272.55	285.12	296.06	308.14	317.12
ELEM F.ED.	1030	288.78	17.85	245.00	339.00	263.37	276.49	289.74	301.47	311.06
HS F.ED.	948	292.59	17.37	245.00	330.00	267.95	282.27	293.73	304.07	313.80
COLL F.ED.	1215	300.36	16.04	245.00	336.00	278.52	290.96	302.01	311.79	318.80
D.K.F.ED.	368	286.02	18.44	245.00	330.00	259.63	272.93	286.63	298.20	309.91
BLACK	547	279.89	16.65	245.00	333.00	256.34	268.45	279.54	290.80	301.33
WHITE	3014	295.93	17.11	245.00	339.00	272.50	285.74	296.76	308.17	316.83
NOT IN SAMPLE	3563	288.27	18.70	245.00	336.00	260.87	275.24	289.01	302.13	311.54

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	283.17	15.67	245.00	306.00	259.20	274.00	286.00	291.50	300.80
A	M	ELEM	W	158	293.74	18.42	248.00	339.00	267.60	281.50	295.20	305.87	315.54
A	M	HS	B	29	284.17	19.30	245.00	307.00	260.90	268.50	289.00	299.80	305.68
A	M	HS	W	225	298.81	14.14	245.00	328.00	282.57	291.10	299.50	308.13	315.83
A	M	COLL	B	19	288.05	15.11	261.00	321.00	271.60	277.83	284.67	300.50	312.40
A	M	COLL	W	392	303.40	13.99	245.00	330.00	285.91	295.86	304.22	312.77	319.47
A	M	D.K.	B	16	287.38	15.54	259.00	311.00	262.40	277.33	288.00	300.00	305.60
A	M	D.K.	W	34	299.35	12.73	273.00	324.00	281.60	289.43	298.67	310.00	315.60
A	F	ELEM	B	35	292.40	13.76	264.00	321.00	271.33	282.33	290.75	301.50	313.00
A	F	ELEM	W	146	302.30	15.34	257.00	336.00	281.60	292.67	303.09	314.20	320.16
A	F	HS	B	26	290.42	16.31	260.00	326.00	270.40	279.00	288.00	301.00	310.80
A	F	HS	W	186	304.06	12.74	261.00	330.00	288.18	294.82	304.00	313.27	319.55
A	F	COLL	B	15	294.27	14.40	262.00	313.00	273.00	291.00	295.50	304.50	310.00
A	F	COLL	W	442	307.02	12.00	255.00	336.00	291.04	298.79	307.71	315.66	321.30
A	F	D.K.	B	12	290.50	14.83	258.00	315.00	272.80	282.00	293.33	300.00	303.60
A	F	D.K.	W	52	303.63	13.53	259.00	330.00	288.16	293.71	303.20	312.00	321.07
N	M	ELEM	B	52	269.87	14.76	245.00	302.00	250.00	255.20	272.00	280.00	288.80
N	M	ELEM	W	232	281.52	16.01	245.00	323.00	260.06	269.56	283.06	292.67	301.20
N	M	HS	B	47	276.40	15.27	245.00	309.00	250.80	267.50	277.43	286.50	295.07
N	M	HS	W	168	283.78	17.84	245.00	323.00	260.48	270.00	284.94	295.37	306.56
N	M	COLL	B	21	275.24	17.92	245.00	308.00	252.13	257.00	278.00	285.50	299.60
N	M	COLL	W	137	289.19	16.20	245.00	326.00	266.16	278.41	290.33	301.27	308.65
N	M	D.K.	B	42	277.17	14.32	252.00	305.00	258.56	263.60	274.67	286.80	297.60
N	M	D.K.	W	79	278.43	18.47	245.00	326.00	253.52	263.17	277.67	290.83	302.48
N	F	ELEM	B	85	277.86	14.40	245.00	310.00	260.40	268.64	276.60	286.50	298.00
N	F	ELEM	W	304	291.46	14.89	248.00	326.00	270.70	281.44	291.90	301.68	309.76
N	F	HS	B	56	278.34	16.30	245.00	319.00	254.13	269.00	280.50	289.14	295.40
N	F	HS	W	211	291.68	14.33	247.00	328.00	274.34	283.71	292.30	300.87	307.69
N	F	COLL	B	21	275.90	18.51	253.00	333.00	254.80	262.50	271.50	286.33	293.80
N	F	COLL	W	168	292.99	15.03	247.00	323.00	273.90	284.31	292.75	303.20	310.83
N	F	D.K.	B	53	274.75	14.25	247.00	299.00	254.15	262.60	275.00	285.87	293.36
N	F	D.K.	W	80	287.59	16.43	245.00	328.00	266.00	275.60	288.00	296.80	306.40
TOTAL				3561	293.46	17.99	245.00	339.00	267.64	281.80	294.41	306.20	315.78

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 61

STEP READING, FORM 4B, GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	245555703.0000	3662			
MEAN	244989631.8605	1	244989631.8605	928660.0625	0.0000
ERROR	966071.1395	3661	263.8098		
CUR	84649.2985	1	84649.2985	436.3447	0.0000
SEX	31404.5430	1	31404.5430	161.8821	0.0000
F.ED	12215.8803	3	4071.9601	20.9899	0.0000
RACE	55212.9036	1	55212.9036	284.6077	0.0000
ERROR	709250.5028	3655	193.9964		
CS	86.6255	1	86.6255	0.4486	0.5033
CF	1258.0352	3	419.3451	2.1714	0.0894
CR	868.8125	1	868.8125	4.4989	0.0339
SF	1330.1599	3	443.3866	2.2959	0.0758
SR	542.8364	1	542.8364	2.8109	0.0941
FR	1234.9485	3	411.6495	2.1316	0.0941
ERROR	703721.2167	3643	193.1179		
CSF	211.4725	3	70.4908	0.3645	0.7786
CSR	577.2284	1	577.2284	2.9846	0.0844
CFR	106.9013	3	35.6338	0.1842	0.9071
SFR	183.5079	3	61.1693	0.3163	0.8137
ERROR	702826.2397	3633	193.4030		
CSFR	80.9770	3	26.9923	0.1395	0.9365
ERROR	702745.2627	3630	193.5405		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP READING, FORM 3B, GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	265018121.0000	3590			
MEAN	263884378.5070	1	263884378.5070	835590.5000	0.0000
ERROR	1133742.4930	3589	315.8059		
CUR	128219.2474	1	128219.2474	572.3513	0.0000
SEX	28266.2989	1	28266.2989	126.1765	0.0000
F.ED	17709.7568	3	5903.2523	26.3512	0.0000
RACE	56841.7084	1	56841.7084	253.7329	0.0000
ERROR	802893.9306	3583	224.0218		
CS	18.8238	1	18.8238	0.0847	0.7711
CF	4798.1255	3	1599.3752	7.1937	0.0001
CR	625.6101	1	625.6101	2.8139	0.0939
SF	1859.7654	3	619.9218	2.7883	0.0393
SR	449.5138	1	449.5138	2.0218	0.1553
FR	475.0077	3	158.3359	0.7122	0.5444
ERROR	794166.7472	3571	222.3312		
CSF	1399.0644	3	466.3548	2.1027	0.0978
CSR	954.2776	1	954.2776	4.3026	0.0381
CFR	914.2650	3	304.7563	1.3741	0.2488
SFR	730.0370	3	243.3457	1.0972	0.3490
ERROR	790026.1953	3561	221.7930		
CSFR	391.3440	3	130.4480	0.5879	0.6228
ERROR	789634.8514	3558	221.8700		

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 63

STEP READING, FORM 3A, GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	271896747.0000	3409			
MEAN	270940086.9049	1	270940086.9049	965478.0000	0.0000
ERROR	956660.0951	3408	280.6279		
CUR	108601.9733	1	108601.9733	553.3315	0.0000
SEX	38913.5142	1	38913.5142	198.2660	0.0000
F.ED	15654.5855	3	5218.1952	26.5869	0.0000
RACE	49902.8602	1	49902.8602	254.2571	0.0000
ERROR	667903.9246	3402	196.2692		
CS	2040.0600	1	2040.0600	10.4912	0.0014
CF	1510.7541	3	503.5980	2.5898	0.0513
CR	164.5508	1	164.5508	0.8462	0.3578
SF	1721.9022	3	573.9674	2.9517	0.0314
SR	1322.6270	1	1322.6270	6.8017	0.0092
FR	829.0337	3	276.3446	1.4211	0.2346
ERROR	659394.7191	3390	194.4545		
CSF	1697.6735	3	565.8912	2.9176	0.0330
CSR	843.6805	1	843.6805	4.3498	0.0372
CFR	857.9977	3	285.9992	1.4745	0.2195
SFR	493.9766	3	164.6589	0.8489	0.4667
ERROR	655777.2035	3380	193.9596		
CSFR	608.0251	3	202.6750	1.0450	0.3714
ERROR	655169.1784	3377	193.9519		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 64

STEP READING, FORM 2B, GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	307826334.0000	3560			
MEAN	306673620.0766	1	306673620.0766	947119.2500	0.0000
ERROR	1152713.9234	3559	323.7962		
CUR	142765.5272	1	142765.5272	634.1980	0.0000
SEX	32464.3031	1	32464.3031	144.2141	0.0000
F.ED	16841.2808	3	5613.7603	24.9376	0.0000
RACE	60458.7117	1	60458.7117	268.5718	0.0000
ERROR	800047.2932	3553	225.1119		
CS	119.1607	1	119.1607	0.5334	0.4652
CF	1620.3842	3	540.1281	2.4179	0.0645
CR	82.2854	1	82.2854	0.3684	0.5442
SF	4237.0571	3	1412.3524	6.3225	0.0004
SR	993.4761	1	993.4761	4.4473	0.0350
FR	1351.4865	3	450.4955	2.0167	0.1095
ERROR	791233.5043	3541	223.3862		
CSF	237.6495	3	79.2165	0.3549	0.7853
CSR	805.5222	1	805.5222	3.6087	0.0576
CFR	922.7123	3	307.5708	1.3779	0.2476
SFR	802.2721	3	267.4240	1.1980	0.3089
ERROR	788401.2108	3531	223.2168		
CSFR	165.3763	3	55.1254	0.2468	0.8633
ERROR	788235.8345	3528	223.3596		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 65

STEP READING, 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1588	283.16	13.76	238.00	314.25	264.20	274.03	284.45	293.67	299.55
NON-ACADEMIC	1640	269.00	13.69	237.25	306.25	250.30	258.74	269.06	278.91	286.93
MALES	1525	273.21	15.73	238.00	314.25	251.51	261.01	272.90	285.13	294.26
FEMALES	1703	278.43	14.75	237.25	313.00	258.21	268.18	279.16	289.78	297.40
ELEM F.ED.	975	272.41	14.42	238.00	314.25	252.76	261.67	272.40	282.64	291.06
HS F.ED.	881	275.12	14.95	237.50	310.00	253.68	264.80	275.67	285.93	294.68
COLL F.ED.	1024	282.39	14.38	237.25	313.00	261.99	272.21	283.96	293.59	299.46
D.K.F.ED.	348	269.17	15.87	238.00	305.25	248.38	256.15	268.91	280.17	291.45
BLACK	516	263.68	13.21	237.50	301.00	246.81	253.29	262.47	272.48	281.79
WHITE	2712	278.30	14.71	237.25	314.25	257.80	268.16	278.93	289.55	297.06
NOT IN SAMPLE	245	267.96	16.01	236.50	302.00	246.88	254.50	267.55	280.50	290.24

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	265.47	10.64	238.00	282.50	251.20	259.00	268.00	271.00	280.40
A	M	ELEM	W	153	276.94	15.00	240.50	314.25	256.12	267.00	278.43	288.48	293.80
A	M	HS	B	28	267.01	14.71	240.75	292.50	249.80	254.00	264.00	281.00	288.40
A	M	HS	W	208	280.43	12.86	243.00	308.50	264.38	271.11	280.00	289.52	296.73
A	M	COLL	B	18	269.82	13.54	246.25	298.25	251.20	259.33	269.33	274.00	292.80
A	M	COLL	W	327	285.04	12.74	246.50	309.50	266.82	275.95	286.72	294.78	299.92
A	M	D.K.	B	16	267.70	14.88	242.50	291.25	246.40	257.00	266.00	281.33	285.60
A	M	D.K.	W	32	281.71	11.35	260.75	301.75	264.40	274.00	281.33	288.00	298.40
A	F	ELEM	B	33	274.14	11.41	245.25	297.75	261.30	266.25	274.57	281.00	287.60
A	F	ELEM	W	133	283.93	13.98	244.75	308.50	262.87	275.12	285.83	294.38	300.31
A	F	HS	B	25	273.04	15.76	244.25	300.00	250.00	258.50	274.50	283.50	294.00
A	F	HS	W	168	286.48	11.02	256.75	310.00	271.47	278.00	286.96	294.91	300.30
A	F	COLL	B	15	276.60	13.55	253.50	298.75	255.00	271.00	277.00	283.00	297.00
A	F	COLL	W	354	289.46	10.65	253.00	313.00	275.31	282.09	290.73	297.16	302.43
A	F	D.K.	B	12	272.40	14.29	249.50	296.75	252.80	260.00	272.00	276.00	291.20
A	F	D.K.	W	48	285.21	12.91	245.75	305.25	271.20	276.00	286.67	295.00	301.47
N	M	ELEM	B	52	257.62	10.42	240.50	287.00	245.26	249.50	254.46	265.50	270.80
N	M	ELEM	W	222	266.27	12.31	239.50	297.00	249.80	256.74	266.15	275.04	281.81
N	M	HS	B	41	259.09	10.39	241.25	280.25	245.68	250.60	257.67	267.50	274.23
N	M	HS	W	159	266.64	13.49	238.50	300.00	249.04	256.58	267.07	276.33	284.07
N	M	COLL	B	21	261.44	13.06	242.25	282.75	245.47	249.67	259.33	271.50	279.80
N	M	COLL	W	117	272.12	13.62	239.75	301.00	253.36	262.42	271.18	283.00	289.89
N	M	D.K.	B	40	257.94	11.35	240.50	286.75	245.60	249.71	255.00	266.00	274.00
N	M	D.K.	W	73	262.42	13.15	239.75	305.25	245.84	252.75	261.25	271.00	278.47
N	F	ELEM	B	77	262.43	10.57	239.25	288.50	247.76	256.60	261.73	267.91	277.30
N	F	ELEM	W	287	275.01	11.48	240.25	302.00	259.60	267.38	275.67	282.91	289.26
N	F	HS	B	52	263.86	12.47	237.50	291.75	246.20	255.00	264.73	270.67	281.07
N	F	HS	W	200	274.42	12.54	238.50	300.50	256.89	266.12	275.00	282.76	291.11
N	F	COLL	B	19	261.13	13.77	241.75	301.00	243.80	251.67	259.33	266.50	280.40
N	F	COLL	W	153	275.76	12.66	237.25	306.25	258.80	267.00	275.52	285.25	292.25
N	F	D.K.	B	49	258.36	11.35	238.00	286.25	242.23	249.80	257.67	265.50	276.10
N	F	D.K.	W	78	272.84	13.29	240.25	300.75	255.84	264.67	272.00	282.00	292.27
TOTAL				3228	275.97	15.44	237.25	314.25	254.20	264.76	276.43	287.67	295.99

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 66

STEP READING, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1588	26.97	8.82	-19.68	62.16	16.13	21.02	26.88	32.84	38.27
NON-ACADEMIC	1640	24.62	9.73	-18.34	60.82	12.61	18.26	24.53	30.84	36.79
MALES	1525	25.49	10.03	-19.68	62.16	13.27	18.93	25.57	32.15	38.37
FEMALES	1703	26.03	8.73	-18.34	60.82	15.08	20.29	25.88	31.63	36.93
ELEM F.ED.	975	24.94	9.71	-19.68	60.82	13.75	18.93	24.73	31.03	37.35
HS F.ED.	881	26.01	9.13	-12.07	58.58	14.29	19.78	26.07	31.85	37.35
COLL F.ED.	1024	26.48	9.05	-16.32	56.35	15.04	20.61	26.44	32.64	37.90
D.K.F.ED.	348	25.43	9.73	-6.93	62.16	12.95	18.67	25.43	31.69	38.06
BLACK	516	24.99	8.87	-8.27	50.09	13.96	18.44	25.14	30.78	37.33
WHITE	2712	25.92	9.45	-19.68	62.16	14.25	19.90	25.86	32.06	37.65
NOT IN SAMPLE	245	26.43	9.38	0.00	51.88	13.58	19.85	26.83	33.14	38.40

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	28.52	8.76	15.65	45.84	17.30	23.25	27.75	36.00	39.30
A	M	ELEM	W	153	26.20	10.56	-19.68	50.76	14.15	19.67	26.47	33.06	39.42
A	M	HS	B	28	25.56	9.89	9.39	44.94	11.70	18.50	25.50	32.50	39.15
A	M	HS	W	208	27.14	9.40	-12.07	52.10	15.20	20.54	27.26	33.68	38.54
A	M	COLL	B	18	27.91	6.46	15.43	40.47	17.70	26.00	27.50	30.75	36.70
A	M	COLL	W	327	27.11	9.25	-16.32	52.10	15.95	21.12	26.68	33.19	38.97
A	M	D.K.	B	16	30.45	6.20	20.57	41.59	23.10	25.50	29.50	35.50	38.70
A	M	D.K.	W	32	29.66	11.39	3.13	62.16	17.10	22.50	29.70	34.00	44.70
A	F	ELEM	B	33	28.14	8.13	7.16	47.40	17.80	22.75	28.71	32.81	38.20
A	F	ELEM	W	133	27.19	8.54	5.37	51.88	15.93	21.35	26.77	32.73	38.51
A	F	HS	B	25	25.24	6.39	13.42	39.58	15.75	21.37	24.56	28.31	33.75
A	F	HS	W	168	26.32	7.76	5.81	47.85	16.78	20.70	26.23	31.33	36.30
A	F	COLL	B	15	28.62	7.39	16.55	44.05	21.00	23.81	26.63	34.87	39.00
A	F	COLL	W	354	26.81	8.11	4.92	48.97	16.41	21.13	27.03	32.59	37.26
A	F	D.K.	B	12	25.99	9.96	12.97	38.68	13.80	16.50	24.00	37.50	38.68
A	F	D.K.	W	48	27.33	7.14	10.51	48.08	17.85	23.50	27.14	31.50	36.30
N	M	ELEM	B	52	19.76	9.22	-8.27	41.14	8.70	14.50	20.00	25.93	31.20
N	M	ELEM	W	222	22.67	10.16	-6.04	45.84	9.30	16.43	22.39	29.64	36.67
N	M	HS	B	41	24.49	8.90	3.80	42.93	13.58	17.85	26.06	30.11	35.85
N	M	HS	W	159	24.41	10.44	-5.14	54.11	11.37	16.81	24.37	31.56	37.06
N	M	COLL	B	21	22.07	7.59	10.51	38.91	12.60	15.19	22.00	27.56	31.35
N	M	COLL	W	117	25.33	9.80	-0.45	56.35	13.28	19.72	25.58	31.70	37.63
N	M	D.K.	B	40	28.71	10.06	13.42	50.09	15.75	20.70	28.50	38.10	43.50
N	M	D.K.	W	73	22.76	11.48	-6.93	49.42	10.59	14.04	22.67	30.15	37.27
N	F	ELEM	B	77	22.88	7.27	5.59	39.80	14.31	17.48	21.92	27.75	33.22
N	F	ELEM	W	287	25.88	9.56	-18.34	60.82	16.40	20.61	25.24	31.35	36.76
N	F	HS	B	52	25.22	9.87	-3.80	43.38	12.30	18.21	26.10	31.20	38.58
N	F	HS	W	200	26.51	8.70	4.02	58.58	15.21	21.20	26.20	31.50	36.75
N	F	COLL	B	19	25.77	7.43	14.53	41.14	16.35	20.62	24.60	31.87	36.15
N	F	COLL	W	153	25.57	10.55	-7.83	51.21	11.49	18.58	25.76	32.77	38.02
N	F	D.K.	B	49	23.83	8.82	7.83	40.70	11.18	15.63	24.00	31.78	34.60
N	F	D.K.	W	78	23.25	8.05	1.12	41.37	12.78	17.77	22.80	29.18	33.42
TOTAL				3228	25.77	9.37	-19.68	62.16	14.18	19.69	25.74	31.36	37.60

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 67

STEP READING, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1588	-1.10	8.02	-33.00	35.00	-10.44	-6.06	-0.96	3.62	8.98
NON-ACADEMIC	1640	-0.45	8.83	-36.50	32.50	-11.19	-5.94	-0.51	4.76	10.14
MALES	1525	-0.79	9.13	-34.00	35.00	-11.57	-6.39	-0.85	4.48	10.45
FEMALES	1703	-0.76	7.79	-36.50	30.00	-10.23	-5.72	-0.66	3.92	8.90
ELEM F.ED.	975	-0.62	8.49	-34.00	35.00	-10.79	-5.85	-0.53	4.36	9.69
HS F.ED.	881	-0.48	8.68	-33.00	31.50	-10.39	-5.87	-0.63	4.38	10.03
COLL F.ED.	1024	-1.22	8.26	-36.50	30.00	-11.27	-6.39	-1.13	3.80	8.88
D.K.F.ED.	348	-0.61	8.24	-23.00	32.50	-10.54	-5.57	-0.55	4.14	9.95
BLACK	516	-1.11	7.94	-26.50	27.00	-11.14	-6.00	-0.75	3.85	8.99
WHITE	2712	-0.71	8.54	-36.50	35.00	-10.77	-6.00	-0.74	4.23	9.72
NOT IN SAMPLE	245	-2.19	7.27	-20.00	16.00	-11.29	-7.10	-2.21	2.72	7.61

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	-2.17	6.10	-13.00	14.50	-9.70	-7.00	-1.50	0.75	3.30
A	M	ELEM	W	153	-0.95	9.19	-22.00	35.00	-10.71	-6.70	-1.76	3.59	11.14
A	M	HS	B	28	-1.20	7.51	-26.00	10.00	-9.15	-5.50	0.0	3.30	7.70
A	M	HS	W	208	-0.86	9.19	-33.00	31.00	-10.21	-6.96	-1.32	4.66	10.57
A	M	COLL	B	18	-1.31	7.07	-14.00	8.50	-11.10	-6.00	-0.75	3.75	8.50
A	M	COLL	W	327	-1.64	8.58	-29.00	28.50	-12.11	-6.71	-1.53	3.82	9.36
A	M	D.K.	B	16	-2.91	5.98	-14.00	4.50	-12.60	-7.50	-1.50	2.10	3.54
A	M	D.K.	W	32	-3.83	7.86	-23.00	15.50	-10.30	-6.50	-3.00	0.50	3.60
A	F	ELEM	B	33	-2.71	10.37	-26.00	21.00	-14.55	-7.35	-3.19	1.31	14.55
A	F	ELEM	W	133	1.10	6.84	-24.00	21.00	-7.26	-3.45	1.76	5.57	9.28
A	F	HS	B	25	0.28	7.59	-18.00	13.50	-7.00	-3.96	-1.13	5.62	11.62
A	F	HS	W	168	-1.21	6.75	-20.00	16.00	-10.05	-5.13	-0.50	2.70	7.55
A	F	COLL	B	15	-2.60	8.44	-12.00	17.50	-11.25	-9.19	-1.13	1.87	9.00
A	F	COLL	W	354	-1.16	7.22	-23.50	22.00	-10.71	-5.84	-0.89	3.29	7.85
A	F	D.K.	B	12	0.88	5.05	-10.50	8.00	-4.30	-2.50	0.50	3.50	8.00
A	F	D.K.	W	48	-0.78	7.61	-15.00	21.00	-9.30	-6.00	-0.50	3.75	9.90
N	M	ELEM	B	52	-2.15	9.02	-26.50	18.50	-14.10	-7.50	-0.50	4.00	8.85
N	M	ELEM	W	222	-0.61	10.12	-34.00	32.00	-12.60	-6.61	-0.24	5.29	11.10
N	M	HS	B	41	0.84	8.44	-22.00	15.50	-9.40	-3.42	0.75	6.75	12.40
N	M	HS	W	159	0.93	9.95	-28.50	31.50	-11.53	-4.30	0.36	5.15	13.65
N	M	COLL	B	21	-2.21	8.53	-20.50	11.50	-12.40	-8.63	-2.25	4.31	7.40
N	M	COLL	W	117	-0.55	8.73	-21.00	21.50	-11.74	-6.05	-0.53	5.19	9.76
N	M	D.K.	B	40	0.76	8.77	-21.50	16.00	-12.00	-3.90	1.50	6.50	12.00
N	M	D.K.	W	73	0.98	9.81	-23.00	32.50	-10.40	-5.25	0.15	8.37	12.73
N	F	ELEM	B	77	-0.59	7.30	-14.00	20.00	-10.99	-5.38	-0.18	4.75	8.60
N	F	ELEM	W	287	-0.64	7.39	-22.50	24.00	-9.92	-5.65	-0.74	3.87	8.87
N	F	HS	B	52	-2.60	7.37	-19.00	16.00	-12.90	-6.64	-2.32	1.23	5.70
N	F	HS	W	200	-0.29	9.05	-22.00	28.00	-11.00	-6.47	-0.66	5.64	10.93
N	F	COLL	B	19	-4.47	5.65	-14.00	4.00	-10.80	-8.85	-4.13	0.37	3.07
N	F	COLL	W	153	-0.27	9.65	-36.50	30.00	-10.14	-6.16	-0.81	5.06	11.52
N	F	D.K.	B	49	0.86	7.55	-17.00	27.00	-7.65	-3.96	0.67	5.91	9.36
N	F	D.K.	W	78	-2.07	7.60	-21.00	18.50	-12.15	-6.27	-1.32	2.45	7.60
TOTAL				3228	-0.77	8.45	-36.50	35.00	-10.83	-6.00	-0.74	4.16	9.59

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP READING, 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	246606293.5625	3227			
MEAN	245836465.2158	1	245836465.2158	1030507.4375	0.0000
ERROR	769828.3467	3226	238.5586		
CUR	104475.7040	1	104475.7040	667.9399	0.0000
SEX	30074.5493	1	30074.5493	192.2743	0.0000
F.ED	12678.8120	3	4226.2707	27.0196	0.0000
RACE	51365.2240	1	51365.2240	328.3909	0.0000
ERROR	503811.8225	3220	156.4148		
CS	61.7843	1	61.7843	0.3977	0.5283
CF	1757.6861	3	585.8954	3.7714	0.0104
CR	400.5209	1	400.5209	2.5781	0.1086
SF	1674.1729	3	558.0576	3.5922	0.0132
SR	755.0605	1	755.0605	4.8603	0.0276
FR	311.3873	3	103.7958	0.6681	0.5713
ERROR	498526.3326	3208	155.3526		
CSF	561.5268	3	187.1756	1.2057	0.3061
CSR	752.2176	1	752.2176	4.8455	0.0278
CFR	330.0283	3	110.0094	0.7086	0.5464
SFR	322.9733	3	107.6578	0.6935	0.5557
ERROR	496612.3013	3198	155.2399		
CSFR	164.3560	3	54.7853	0.3527	0.7870
ERROR	496447.9453	3195	155.3342		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP READING, 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	2427529.9285	3227			
MEAN	2144451.5226	1	2144451.5226	24446.0234	0.0000
ERROR	283078.4058	3226	87.7219		
CUR	3542.7935	1	3542.7935	41.0815	0.0000
SEX	392.9990	1	392.9990	4.5571	0.0331
F.ED	351.4933	3	117.1644	1.3586	0.2536
RACE	81.4232	1	81.4232	0.9442	0.3315
ERROR	277772.7167	3220	86.2381		
CS	630.0604	1	630.0604	7.3760	0.0066
CF	782.4113	3	260.8038	3.0532	0.0274
CR	125.9780	1	125.9780	1.4748	0.2250
SF	1155.6244	3	385.2081	4.5095	0.0037
SR	52.1117	1	52.1117	0.6101	0.4350
FR	768.2778	3	256.0926	2.9980	0.0296
ERROR	274115.4744	3208	85.4209		
CSF	112.7023	3	37.5674	0.4405	0.7238
CSR	1.5738	1	1.5738	0.0185	0.8920
CFR	795.3471	3	265.1157	3.1085	0.0255
SFR	410.1432	3	136.7144	1.6030	0.1866
ERROR	272832.6073	3198	85.2869		
CSFR	98.0001	3	32.6667	0.3828	0.7654
ERROR	272734.6072	3195	85.3363		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of Geheral Information
W	white
*	no valid statistic (N < 5)

TABLE 70

STEP READING, 2ND ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	232129.2500	3227			
MEAN	1913.7859	1	1913.7859	26.8261	0.0001
ERROR	230215.4641	3226	71.3404		
CUR	245.1259	1	245.1259	3.4398	0.0639
SEX	0.0563	1	0.0563	0.0008	0.9776
F.ED	223.9130	3	74.6377	1.0474	0.3704
RACE	162.5335	1	162.5335	2.2808	0.1312
ERROR	229534.1753	3220	71.2618		
CS	391.5721	1	391.5721	5.5095	0.0190
CF	336.3563	3	112.1188	1.5775	0.1927
CR	3.1782	1	3.1782	0.0447	0.8326
SF	386.2173	3	128.7391	1.8114	0.1429
SR	0.0658	1	0.0658	0.0009	0.9757
FR	424.1602	3	141.3867	1.9893	0.1134
ERROR	228069.7256	3208	71.0719		
CSF	351.6876	3	117.2292	1.6506	0.1756
CSR	2.2907	1	2.2907	0.0323	0.8575
CFR	318.2137	3	106.0712	1.4935	0.2143
SFR	203.4626	3	67.8209	0.9549	0.4130
ERROR	227198.9307	3198	71.0219		
CSFR	262.5410	3	87.5137	1.2325	0.2963
ERROR	226936.3896	3195	71.0064		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 71

STEP SOCIAL STUDIES, FORM 4B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1832	256.27	11.42	226.00	292.00	240.84	247.84	256.29	263.47	269.99
NON-ACADEMIC	1827	246.61	9.93	226.00	288.00	233.52	239.12	245.40	252.71	259.57
MALES	1721	251.63	12.68	226.00	292.00	234.83	241.65	250.46	260.46	267.92
FEMALES	1938	251.28	10.83	226.00	292.00	236.88	243.18	250.58	258.38	264.78
ELEM F.ED.	1050	248.74	10.22	226.00	288.00	235.57	241.42	247.56	254.76	261.63
HS F.ED.	961	250.86	11.53	226.00	292.00	235.34	242.25	249.95	258.76	265.10
COLL F.ED.	1231	255.92	11.71	226.00	292.00	239.41	247.03	256.05	263.41	270.14
D.K.F.ED.	417	246.42	11.47	226.00	288.00	231.61	237.41	244.70	253.12	261.74
BLACK	582	241.94	8.30	226.00	271.00	230.68	235.26	241.19	246.70	252.62
WHITE	3077	253.24	11.42	226.00	292.00	238.18	244.45	252.59	260.66	267.43
NOT IN SAMPLE	5092	246.97	11.98	226.00	300.00	231.92	237.00	245.08	254.63	262.57

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	241.06	7.53	229.00	251.00	229.60	234.67	240.67	246.67	250.40
A	M	ELEM	W	160	254.20	12.18	231.00	288.00	238.57	244.18	253.11	262.00	269.50
A	M	HS	B	30	245.50	9.76	227.00	265.00	232.00	239.00	243.71	251.00	260.40
A	M	HS	W	228	257.07	11.37	230.00	288.00	241.27	249.06	257.84	264.34	271.29
A	M	COLL	B	20	247.85	9.04	230.00	268.00	238.00	241.00	247.00	252.67	258.00
A	M	COLL	W	396	259.81	11.84	228.00	292.00	242.84	251.94	260.40	266.56	274.38
A	M	D.K.	B	16	240.44	8.94	228.00	263.00	229.20	232.67	240.00	246.00	249.20
A	M	D.K.	W	38	256.63	10.89	239.00	288.00	242.64	247.20	256.00	264.57	268.56
A	F	ELEM	B	36	246.75	6.97	229.00	259.00	236.13	243.20	247.33	252.00	254.53
A	F	ELEM	W	146	254.38	10.10	230.00	284.00	241.20	247.24	253.83	261.05	266.27
A	F	HS	B	27	245.00	11.28	226.00	269.00	230.70	234.75	246.40	252.25	258.60
A	F	HS	W	187	256.06	10.27	226.00	292.00	242.77	249.05	256.15	261.70	267.56
A	F	COLL	B	15	247.27	8.09	234.00	261.00	238.67	241.67	245.50	254.50	259.00
A	F	COLL	W	446	258.67	9.60	232.00	292.00	245.05	251.93	257.90	264.42	270.24
A	F	D.K.	B	13	246.00	10.94	230.00	271.00	231.20	240.50	244.50	249.50	260.80
A	F	D.K.	W	56	254.54	9.74	228.00	273.00	243.07	248.67	254.00	260.00	266.53
N	M	ELEM	B	54	242.28	7.79	226.00	258.00	231.12	236.25	242.62	247.00	251.20
N	M	ELEM	W	240	246.54	10.06	226.00	288.00	232.95	238.97	246.00	252.87	259.14
N	M	HS	B	50	241.54	7.84	226.00	259.00	230.89	234.40	241.20	246.33	252.00
N	M	HS	W	171	247.72	10.59	226.00	288.00	234.56	239.59	245.94	254.07	260.91
N	M	COLL	B	21	241.05	8.14	231.00	257.00	231.40	233.50	239.20	245.50	252.53
N	M	COLL	W	141	250.86	11.18	226.00	281.00	236.27	242.05	249.88	258.65	264.76
N	M	D.K.	B	52	237.21	7.43	226.00	259.00	227.26	231.20	235.60	240.00	245.80
N	M	D.K.	W	86	246.13	11.47	226.00	288.00	232.30	237.80	244.00	253.60	260.40
N	F	ELEM	B	87	241.44	6.29	226.00	257.00	231.88	237.44	241.15	244.95	250.15
N	F	ELEM	W	309	248.82	7.89	229.00	271.00	238.54	242.94	247.86	253.81	259.43
N	F	HS	B	56	241.16	8.11	226.00	266.00	230.34	234.67	239.60	246.00	250.80
N	F	HS	W	212	248.38	9.38	226.00	275.00	235.91	242.00	247.55	254.16	260.08
N	F	COLL	B	22	238.86	7.44	226.00	261.00	228.40	234.75	237.50	242.50	245.80
N	F	COLL	W	170	249.57	9.88	226.00	278.00	235.75	242.09	249.23	256.71	262.00
N	F	D.K.	B	65	239.57	6.78	226.00	262.00	230.55	234.08	239.29	244.08	247.56
N	F	D.K.	W	91	248.71	10.23	228.00	284.00	235.20	242.17	247.57	253.17	260.95
TOTAL				3659	251.45	11.74	226.00	292.00	235.81	242.54	250.53	259.32	265.95

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 72

STEP SOCIAL STUDIES, FORM 3B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1802	267.58	13.82	234.00	318.00	250.57	257.41	265.64	275.49	285.57
NON-ACADEMIC	1788	255.60	10.21	234.00	298.00	242.73	248.22	254.45	261.30	267.56
MALES	1689	261.69	14.17	234.00	318.00	244.63	251.18	259.60	269.22	280.97
FEMALES	1901	261.54	12.97	234.00	314.00	245.89	252.45	259.60	267.84	278.88
ELEM F.ED.	1020	257.97	11.51	234.00	304.00	244.16	249.73	256.12	263.91	273.02
HS F.ED.	937	260.41	12.84	234.00	314.00	245.04	251.66	258.37	266.73	277.14
COLL F.ED.	1224	267.35	13.97	234.00	318.00	250.12	256.94	265.45	275.34	285.64
D.K.F.ED.	409	256.25	12.50	234.00	298.00	241.32	247.02	254.07	261.97	272.77
BLACK	565	251.73	9.04	234.00	304.00	240.51	245.29	250.75	256.49	262.15
WHITE	3025	263.46	13.45	234.00	318.00	247.07	253.66	261.64	271.21	281.52
NOT IN SAMPLE	4414	256.40	13.22	234.00	318.00	240.49	246.46	254.08	263.46	274.22

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	251.33	10.28	234.00	266.00	234.40	243.00	251.00	258.50	264.40
A	M	ELEM	W	159	263.53	14.06	235.00	304.00	245.56	253.06	262.78	271.57	283.10
A	M	HS	B	29	256.14	11.42	242.00	284.00	243.87	246.83	255.33	261.00	276.20
A	M	HS	W	222	266.77	13.79	235.00	307.00	249.77	257.00	265.03	275.21	284.90
A	M	COLL	B	20	257.35	11.18	241.00	276.00	242.67	248.00	256.00	264.00	273.33
A	M	COLL	W	391	272.31	14.08	236.00	318.00	254.90	261.73	270.68	281.09	290.07
A	M	D.K.	B	16	253.31	8.21	239.00	270.00	239.20	248.00	253.33	256.00	265.60
A	M	D.K.	W	38	267.42	12.42	247.00	295.00	251.60	258.50	265.14	277.00	285.20
A	F	ELEM	B	36	256.78	9.18	236.00	276.00	244.80	251.00	255.56	262.22	265.87
A	F	ELEM	W	136	264.59	12.41	236.00	304.00	249.67	254.95	262.24	273.60	281.36
A	F	HS	B	27	256.22	12.42	241.00	304.00	244.47	247.17	253.43	261.00	267.30
A	F	HS	W	181	268.09	12.27	241.00	314.00	253.30	258.20	265.72	275.41	282.80
A	F	COLL	B	15	258.87	12.41	241.00	290.00	246.00	251.50	255.50	262.50	278.00
A	F	COLL	W	446	270.69	12.37	237.00	314.00	255.78	261.90	268.19	277.43	286.07
A	F	D.K.	B	13	254.92	10.78	240.00	280.00	244.40	247.00	252.50	255.75	270.80
A	F	D.K.	W	55	266.60	13.85	234.00	298.00	251.00	257.67	264.33	273.50	286.00
N	M	ELEM	B	54	251.78	6.85	237.00	270.00	241.70	246.33	252.00	256.18	259.13
N	M	ELEM	W	234	255.54	9.74	234.00	284.00	242.58	248.20	254.73	262.23	267.50
N	M	HS	B	47	249.96	8.22	234.00	276.00	238.27	243.83	249.80	255.57	259.60
N	M	HS	W	169	255.68	9.81	234.00	298.00	243.35	248.22	254.48	262.79	267.01
N	M	COLL	B	19	251.37	8.74	234.00	266.00	239.60	245.40	249.50	258.25	262.20
N	M	COLL	W	140	260.22	11.75	234.00	295.00	245.33	252.00	258.44	266.67	276.44
N	M	D.K.	B	48	248.29	7.65	237.00	271.00	238.40	242.29	246.77	252.80	258.56
N	M	D.K.	W	85	254.22	9.91	235.00	290.00	243.00	246.72	252.75	259.69	266.00
N	F	ELEM	B	84	250.30	7.00	234.00	267.00	240.96	244.95	249.67	255.11	259.44
N	F	ELEM	W	299	257.73	9.95	234.00	292.00	245.47	250.64	256.30	262.93	269.20
N	F	HS	B	53	250.92	7.15	234.00	262.00	240.40	246.33	250.92	255.90	260.47
N	F	HS	W	209	256.70	9.37	234.00	286.00	243.96	251.14	255.65	262.19	267.64
N	F	COLL	B	22	249.91	8.93	236.00	284.00	240.80	245.43	248.57	251.71	254.80
N	F	COLL	W	171	259.09	10.44	234.00	290.00	246.03	252.76	257.58	263.77	273.73
N	F	D.K.	B	64	247.77	6.86	234.00	261.00	237.12	242.18	248.00	251.76	256.91
N	F	D.K.	W	90	258.10	11.73	236.00	292.00	245.20	250.17	255.40	262.73	273.60
TOTAL				3590	261.61	13.55	234.00	318.00	245.24	252.01	259.60	268.43	279.78

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 73

STEP SOCIAL STUDIES, FORM 3A, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1660	279.07	14.12	234.00	314.00	259.90	268.77	278.85	289.16	296.95
NON-ACADEMIC	1757	264.96	13.04	234.00	311.00	248.09	255.60	263.78	272.90	282.60
MALES	1609	272.39	16.08	234.00	314.00	251.33	260.13	271.01	284.66	293.59
FEMALES	1808	271.30	14.54	234.00	314.00	252.73	260.34	270.16	281.10	290.60
ELEM F.ED.	1040	268.18	13.69	234.00	314.00	251.03	258.07	266.93	276.90	286.62
HS F.ED.	917	270.81	14.56	234.00	314.00	252.46	259.64	269.53	281.26	290.03
COLL F.ED.	1061	278.70	14.90	234.00	314.00	259.07	267.64	278.33	289.51	297.74
D.K.F.ED.	399	265.28	15.28	234.00	311.00	245.04	253.86	263.54	274.59	286.60
BLACK	570	259.35	11.21	234.00	301.00	244.43	251.57	257.68	265.90	273.26
WHITE	2847	274.31	14.78	234.00	314.00	255.33	263.35	273.11	284.82	293.43
NOT IN SAMPLE	4699	264.83	15.62	234.00	326.00	244.73	252.88	262.97	274.10	286.69

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	263.28	10.76	237.00	284.00	254.53	256.33	263.33	269.33	274.80
A	M	ELEM	W	160	276.19	14.63	235.00	314.00	257.50	264.60	274.00	286.33	293.71
A	M	HS	B	28	264.04	12.83	242.00	287.00	247.60	254.00	262.80	272.67	282.80
A	M	HS	W	215	278.81	13.49	235.00	311.00	261.09	268.58	277.90	288.57	295.80
A	M	COLL	B	19	268.68	12.44	248.00	298.00	255.20	259.50	265.50	275.67	286.40
A	M	COLL	W	341	284.86	13.51	248.00	311.00	265.23	274.89	286.06	294.58	300.78
A	M	D.K.	B	15	261.87	10.90	241.00	280.00	247.00	253.00	261.00	270.33	273.33
A	M	D.K.	W	36	281.14	11.29	251.00	298.00	267.07	271.00	282.80	288.86	295.60
A	F	ELEM	B	37	266.51	9.22	240.00	285.00	254.70	260.25	267.25	272.14	278.40
A	F	ELEM	W	144	275.93	13.16	243.00	311.00	256.70	267.40	274.00	285.56	292.53
A	F	HS	B	27	263.67	14.04	235.00	301.00	248.80	255.40	260.33	269.00	283.20
A	F	HS	W	175	278.78	12.31	252.00	314.00	260.83	270.28	278.86	286.75	293.88
A	F	COLL	B	14	270.21	11.12	254.00	291.00	255.60	262.67	268.00	273.33	291.00
A	F	COLL	W	365	282.67	12.16	249.00	314.00	266.67	273.63	281.62	290.47	298.40
A	F	D.K.	B	13	265.77	13.41	242.00	291.00	247.20	259.00	261.60	275.50	280.80
A	F	D.K.	W	53	278.85	14.92	234.00	311.00	262.30	268.43	277.00	288.33	297.40
N	M	ELEM	B	55	258.98	10.90	236.00	287.00	244.00	250.88	258.25	266.25	273.00
N	M	ELEM	W	238	265.75	12.79	234.00	299.00	248.71	256.75	265.00	274.48	282.80
N	M	HS	B	49	257.61	10.52	239.00	289.00	243.80	250.14	256.20	264.33	270.13
N	M	HS	W	163	266.66	13.97	236.00	299.00	249.53	256.94	264.38	276.08	286.47
N	M	COLL	B	21	259.00	12.10	241.00	295.00	243.47	251.00	256.00	265.67	269.87
N	M	COLL	W	121	271.76	14.31	234.00	311.00	254.55	263.11	270.56	282.47	288.80
N	M	D.K.	B	49	255.84	10.07	236.00	286.00	242.90	248.43	253.45	260.50	268.20
N	M	D.K.	W	81	262.72	14.80	234.00	302.00	240.80	252.17	262.60	269.62	283.20
N	F	ELEM	B	84	256.30	8.99	237.00	281.00	242.53	250.89	255.65	261.67	267.49
N	F	ELEM	W	304	267.62	11.70	234.00	302.00	253.39	259.12	266.36	275.29	283.23
N	F	HS	B	55	257.58	9.70	234.00	282.00	244.00	251.00	257.09	264.43	269.14
N	F	HS	W	205	267.48	11.42	236.00	305.00	253.33	259.32	266.52	275.00	281.88
N	F	COLL	B	22	256.18	9.51	239.00	278.00	243.60	250.33	254.00	261.33	265.73
N	F	COLL	W	158	269.24	12.59	241.00	302.00	252.17	261.44	268.22	276.00	286.13
N	F	D.K.	B	64	254.30	8.56	234.00	276.00	240.72	249.00	254.50	258.89	264.60
N	F	D.K.	W	88	266.74	12.77	236.00	296.00	249.73	258.36	266.33	274.00	282.27
TOTAL				3417	271.81	15.30	234.00	314.00	252.11	260.25	270.53	282.78	292.22

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 74

STEP SOCIAL STUDIES, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1806	285.85	14.06	247.00	326.00	266.79	276.17	286.16	295.11	303.66
NON-ACADEMIC	1763	270.14	12.11	247.00	319.00	255.07	260.95	268.80	277.83	286.64
MALES	1670	279.27	16.03	247.00	325.00	258.36	266.26	278.04	291.31	299.91
FEMALES	1899	277.05	14.56	247.00	326.00	257.91	265.74	276.29	287.17	295.64
ELEM F.ED.	1025	273.21	13.37	247.00	325.00	256.64	262.95	271.86	281.39	291.77
HS F.ED.	940	277.33	14.65	247.00	326.00	258.51	265.70	276.56	287.48	295.75
COLL F.ED.	1217	285.10	14.78	247.00	323.00	264.47	274.30	285.80	295.15	303.71
D.K.F.ED.	387	270.81	14.40	247.00	319.00	253.24	259.23	268.31	279.56	290.59
BLACK	544	265.93	11.42	247.00	326.00	250.67	257.68	264.21	272.32	279.66
WHITE	3025	280.27	14.88	247.00	325.00	260.37	268.89	279.22	291.26	299.09
NOT IN SAMPLE	3582	273.77	14.75	247.00	323.00	255.32	262.20	271.91	283.16	294.35

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	269.71	13.08	248.00	290.00	250.00	260.50	269.00	279.50	288.60
A	M	ELEM	W	154	281.34	15.90	247.00	325.00	259.52	269.64	281.60	292.93	302.06
A	M	HS	B	28	272.75	15.59	248.00	299.00	249.40	260.00	275.00	284.00	294.40
A	M	HS	W	223	287.39	13.14	248.00	324.00	271.15	277.67	287.26	295.53	304.77
A	M	COLL	B	19	274.47	12.36	255.00	294.00	259.60	263.67	276.40	281.00	293.47
A	M	COLL	W	395	291.99	13.04	255.00	323.00	273.58	284.07	292.73	299.86	307.82
A	M	D.K.	B	16	269.88	9.49	251.00	290.00	257.20	264.00	269.60	276.00	279.20
A	M	D.K.	W	37	285.78	12.11	264.00	312.00	268.93	275.25	286.00	293.75	299.30
A	F	ELEM	B	37	272.70	9.24	254.00	298.00	258.80	268.45	271.82	278.37	282.30
A	F	ELEM	W	145	281.74	13.35	251.00	316.00	259.83	272.90	282.09	291.91	296.75
A	F	HS	B	25	273.76	14.97	254.00	326.00	258.00	264.17	269.00	278.75	289.00
A	F	HS	W	186	284.25	12.05	254.00	314.00	266.93	275.85	284.77	293.00	299.05
A	F	COLL	B	15	274.53	12.87	252.00	309.00	261.00	269.00	273.50	277.67	286.00
A	F	COLL	W	443	288.51	11.88	255.00	319.00	272.44	279.06	288.51	295.76	303.43
A	F	D.K.	B	13	276.15	14.87	252.00	311.00	257.20	269.00	276.50	279.75	290.80
A	F	D.K.	W	53	282.89	14.93	247.00	319.00	264.30	273.00	282.57	291.00	303.40
N	M	ELEM	B	54	264.87	9.25	247.00	286.00	251.40	258.25	264.40	270.57	277.60
N	M	ELEM	W	231	270.77	11.19	248.00	307.00	257.20	261.97	269.64	278.03	285.84
N	M	HS	B	43	264.33	10.23	248.00	290.00	250.30	257.50	262.57	270.17	277.40
N	M	HS	W	169	271.85	12.28	248.00	317.00	257.66	262.19	269.93	278.94	289.40
N	M	COLL	B	20	265.40	8.92	247.00	282.00	252.00	260.67	264.00	270.67	278.00
N	M	COLL	W	138	278.01	13.26	251.00	319.00	260.80	267.45	277.39	287.23	295.47
N	M	D.K.	B	45	261.22	9.72	249.00	295.00	250.00	253.63	258.89	265.57	275.00
N	M	D.K.	W	81	268.14	12.36	247.00	302.00	252.63	258.27	266.89	277.10	285.93
N	F	ELEM	B	82	261.93	9.21	247.00	284.00	250.00	255.14	261.33	267.00	274.40
N	F	ELEM	W	305	271.66	10.81	247.00	302.00	257.55	263.58	271.45	278.03	286.31
N	F	HS	B	55	262.42	9.04	247.00	289.00	249.75	256.50	262.43	268.17	274.00
N	F	HS	W	211	272.55	11.66	247.00	305.00	256.77	263.13	272.38	279.90	286.51
N	F	COLL	B	20	261.80	8.35	248.00	283.00	250.00	256.80	261.00	265.60	268.00
N	F	COLL	W	167	272.92	12.49	247.00	305.00	256.31	264.45	271.13	280.90	289.72
N	F	D.K.	B	55	261.65	7.86	248.00	288.00	251.33	256.21	260.18	266.17	271.14
N	F	D.K.	W	87	269.68	12.58	247.00	302.00	254.47	260.25	267.82	277.25	288.30
TOTAL				3569	278.09	15.30	247.00	326.00	258.13	265.96	277.08	289.15	297.60

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 75

STEP SOCIAL STUDIES, FORM 4B, GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	231844417.0000	3658			
MEAN	231340353.3470	1	231340353.3470	1678840.0000	0.0000
ERROR	504063.6530	3657	137.7977		
CUR	46059.7507	1	46059.7507	454.0125	0.0000
SEX	25.7912	1	25.7912	0.2542	0.6144
F.ED	7304.7114	3	2434.9038	24.0009	0.0000
RACE	34055.2838	1	34055.2838	335.6841	0.0000
ERROR	370496.5523	3651	101.4504		
CS	138.0611	1	138.0611	1.3741	0.2412
CF	849.0414	3	283.0138	2.8169	0.0379
CR	1156.4764	1	1156.4764	11.5105	0.0008
SF	867.3156	3	289.1052	2.8775	0.0348
SR	0.1849	1	0.1849	0.0018	0.9658
FR	734.8780	3	244.9593	2.4381	0.0628
ERROR	365716.0785	3639	100.4715		
CSF	253.1801	3	84.3934	0.8398	0.4718
CSR	561.8022	1	561.8022	5.5906	0.0182
CFR	130.3796	3	43.4599	0.4325	0.7298
SFR	135.1389	3	45.0463	0.4483	0.7184
ERROR	364782.5114	3629	100.4911		
CSFR	281.0278	3	93.6759	0.9321	0.4241
ERROR	364501.4836	3626	100.4968		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

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STEP SOCIAL STUDIES, FORM 3B, GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	24635771C.0000	3589			
MEAN	245698491.8864	1	245698491.8864	1337662.0000	0.0000
ERROR	659218.1136	3588	183.6775		
CUR	73061.1254	1	73061.1254	549.2988	0.0000
SEX	190.5781	1	190.5781	1.4328	0.2316
F.ED	14223.3004	3	4741.1001	35.6452	0.0000
RACE	31137.3594	1	31137.3594	234.1015	0.0000
ERROR	476567.1339	3582	133.0079		
CS	17.7631	1	17.7631	0.1353	0.7131
CF	2342.3520	3	780.7840	5.9467	0.0006
CR	1912.8514	1	1912.8514	14.5690	0.0003
SF	1390.4693	3	463.4898	3.5301	0.0143
SR	89.8975	1	89.8975	0.6847	0.4083
FR	855.4884	3	285.1628	2.1719	0.0893
ERROR	468857.4822	3570	131.2959		
CSF	208.5508	3	69.5169	0.5288	0.6622
CSR	376.5211	1	376.5211	2.8643	0.0909
CFR	41.3158	3	13.7719	0.1048	0.9573
SFR	96.4218	3	32.1406	0.2445	0.8650
ERROR	468104.2135	3560	131.4531		
CSFR	359.2944	3	119.7648	0.9110	0.4347
ERROR	467744.9152	3557	131.4629		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 77

STEP SOCIAL STUDIES, FORM 3A, GRADE 9, 1965

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	253252274.0000	3416			
MEAN	252452683.3039	1	252452683.3039	1078524.0000	0.0000
ERROR	799590.6961	3415	234.0723		
CUR	96650.4198	1	96650.4198	604.9087	0.0000
SEX	32.0895	1	32.0895	0.2008	0.6541
F.ED	16734.0598	3	5578.0199	34.9113	0.0000
RACE	56354.3063	1	56354.3063	352.7063	0.0000
ERROR	544838.7184	3409	159.7768		
CS	67.7966	1	67.7966	0.4277	0.5134
CF	2061.2366	3	687.0789	4.3346	0.0047
CR	1162.9549	1	1162.9549	7.3368	0.0068
SF	1319.0184	3	439.6728	2.7738	0.0400
SR	160.6903	1	160.6903	1.0138	0.3141
FR	594.0832	3	198.0277	1.2493	0.2903
ERROR	538617.7244	3397	158.5103		
CSF	337.8182	3	112.6061	0.7104	0.5456
CSR	706.9769	1	706.9769	4.4599	0.0348
CFR	427.5803	3	142.5268	0.8991	0.4406
SFR	119.1650	3	39.7217	0.2506	0.8610
ERROR	537057.7511	3387	158.5177		
CSFR	401.5167	3	133.9722	0.8450	0.4689
ERROR	536655.8343	3384	158.5395		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 78

STEP SOCIAL STUDIES, FORM 2B, GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	27683669C.0000	3568			
MEAN	276000753.5440	1	276000753.5440	1178044.0000	0.0000
ERROR	835936.4560	3567	234.2872		
CUR	128286.4419	1	128286.4419	848.8054	0.0000
SEX	1706.1010	1	1706.1010	11.2884	0.0008
F.ED	20807.9076	3	6935.9692	45.8917	0.0000
RACE	42576.0257	1	42576.0257	281.7036	0.0000
ERROR	538352.0536	3561	151.1376		
CS	17.0630	1	17.0630	0.1143	0.7353
CF	2490.0928	3	830.0309	5.5610	0.0010
CR	913.6857	1	913.6857	6.1214	0.0135
SF	2394.0058	3	798.0033	5.3464	0.0012
SR	0.7082	1	0.7082	0.0047	0.9451
FR	1093.4476	3	364.4825	2.4419	0.0625
ERROR	529874.5781	3549	149.2605		
CSF	861.5072	3	287.1691	1.9259	0.1232
CSR	932.3047	1	932.3047	6.2525	0.0125
CFR	32.9137	3	10.9712	0.0736	0.9741
SFR	233.0558	3	77.6853	0.5210	0.6675
ERROR	527849.0886	3539	149.1100		
CSFR	140.9617	3	46.9872	0.3149	0.8143
ERROR	527708.1269	3536	149.1966		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 79

STEP SOCIAL STUDIES, 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1586	271.83	12.02	237.25	306.25	255.89	263.31	271.55	280.45	287.66
NON-ACADEMIC	1652	259.41	9.70	237.25	295.25	247.10	252.29	258.30	265.66	272.61
MALES	1522	266.02	13.24	237.25	306.25	249.12	255.44	264.82	275.11	283.99
FEMALES	1716	265.03	11.87	237.25	302.00	249.84	256.07	263.96	272.96	281.54
ELEM F.ED.	977	262.05	10.88	238.00	300.75	248.80	253.86	260.73	268.79	276.85
HS F.ED.	874	264.75	11.81	238.75	300.25	249.72	255.72	263.86	272.60	280.95
COLL F.ED.	1025	271.33	12.56	240.50	306.25	254.35	261.85	271.28	280.43	287.85
D.K.F.ED.	362	260.05	12.07	237.25	296.75	245.48	250.91	258.05	267.14	276.65
BLACK	514	254.89	8.64	238.75	300.00	244.61	248.39	253.77	259.75	266.44
WHITE	2724	267.50	12.15	237.25	306.25	252.18	258.23	266.53	275.72	283.90
NOT IN SAMPLE	257	259.12	12.46	238.75	297.25	244.11	249.47	257.23	267.05	277.47

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	256.78	8.28	238.75	269.75	245.40	252.83	255.67	264.75	267.30
A	M	ELEM	W	150	268.79	12.97	239.50	300.75	252.00	258.92	268.62	278.11	286.00
A	M	HS	B	26	258.95	11.15	243.50	282.50	246.13	250.00	258.00	266.00	274.80
A	M	HS	W	205	272.23	11.23	239.25	300.25	258.60	264.03	271.30	280.42	287.75
A	M	COLL	B	18	262.31	10.28	247.25	282.50	247.60	255.00	261.33	270.00	276.80
A	M	COLL	W	330	276.81	11.69	246.75	306.25	260.64	268.73	276.94	285.44	292.19
A	M	D.K.	B	15	256.17	7.90	243.75	266.75	243.75	251.00	257.00	263.00	266.00
A	M	D.K.	W	35	272.41	9.90	253.00	296.75	261.20	265.17	272.33	280.20	285.00
A	F	ELEM	B	35	260.54	7.25	241.75	275.00	251.00	256.33	260.29	265.50	269.50
A	F	ELEM	W	131	269.19	11.23	244.50	295.00	252.63	261.93	269.00	276.82	283.63
A	F	HS	B	25	259.81	12.36	245.75	300.00	246.00	252.20	257.20	268.75	273.00
A	F	HS	W	169	271.58	10.08	246.00	300.00	258.51	264.52	271.04	278.83	284.95
A	F	COLL	B	14	262.77	10.66	247.25	287.75	249.60	256.50	260.00	267.33	278.40
A	F	COLL	W	354	274.95	10.01	250.25	302.00	261.98	267.77	274.51	281.76	287.95
A	F	D.K.	B	13	260.71	10.77	242.50	282.25	249.20	253.67	259.00	263.67	278.80
A	F	D.K.	W	49	270.92	12.52	237.25	295.25	256.72	262.17	270.00	278.33	288.13
N	M	ELEM	B	52	254.58	7.09	242.25	269.50	245.10	249.33	254.25	259.00	265.44
N	M	ELEM	W	224	259.71	9.21	238.00	287.50	248.36	252.78	258.37	266.50	271.94
N	M	HS	B	40	253.43	7.63	241.00	270.50	244.00	246.67	253.20	259.00	264.00
N	M	HS	W	160	260.57	9.58	242.00	290.25	248.80	253.55	258.80	267.16	274.40
N	M	COLL	B	18	253.83	8.29	242.50	273.50	244.80	247.50	251.20	258.00	264.80
N	M	COLL	W	118	265.05	11.07	240.50	295.25	250.53	257.53	263.80	272.78	279.20
N	M	D.K.	B	39	251.01	7.58	240.75	274.50	242.60	245.36	249.43	255.00	262.20
N	M	D.K.	W	75	257.82	10.31	237.25	292.75	244.33	250.09	256.25	264.71	270.75
N	F	ELEM	B	78	252.47	6.12	239.50	266.75	244.65	248.43	251.83	256.18	260.69
N	F	ELEM	W	290	261.55	8.60	239.25	290.50	250.33	255.83	260.78	266.86	273.14
N	F	HS	B	51	253.25	7.00	238.75	269.75	243.10	248.33	253.29	257.86	262.60
N	F	HS	W	198	261.21	8.69	239.50	284.00	249.60	254.79	260.91	266.81	272.98
N	F	COLL	B	20	251.23	7.33	242.25	276.00	244.00	246.40	249.71	253.33	258.00
N	F	COLL	W	153	262.53	9.69	241.25	289.25	250.10	255.83	261.08	268.23	276.76
N	F	D.K.	B	53	250.97	5.69	240.00	266.50	244.10	246.75	250.53	254.38	257.80
N	F	D.K.	W	83	261.08	10.10	242.25	290.50	249.56	253.77	259.18	265.89	275.70
TOTAL				3238	265.49	12.54	237.25	306.25	249.53	255.70	264.33	274.01	282.84

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 89

STEP SOCIAL STUDIES, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1586	22.46	7.35	-3.13	47.63	13.53	17.36	22.50	27.32	31.81
NON-ACADEMIC	1652	17.76	7.23	-7.38	50.98	8.79	12.82	17.60	22.20	26.99
MALES	1522	20.72	8.10	-7.38	50.98	10.68	15.23	20.34	26.14	31.27
FEMALES	1716	19.48	7.19	-4.92	45.62	10.61	14.56	19.24	24.22	28.70
ELEM F.ED.	977	18.76	7.35	-4.25	50.54	9.90	13.71	18.35	23.26	28.52
HS F.ED.	874	19.89	7.87	-7.38	50.98	10.25	14.77	19.66	24.88	29.52
COLL F.ED.	1025	22.08	7.50	-4.92	47.63	12.48	17.08	22.34	27.06	31.39
D.K.F.ED.	362	18.28	7.12	-2.24	41.81	9.45	13.40	17.77	22.77	27.95
BLACK	514	17.58	6.49	-2.68	42.26	10.44	13.17	17.14	21.94	25.39
WHITE	2724	20.53	7.77	-7.38	50.98	10.70	15.36	20.27	25.61	30.55
NOT IN SAMPLE	257	19.50	7.51	0.45	50.09	10.76	14.25	18.95	24.33	28.93

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	21.40	10.26	-2.68	42.26	11.55	15.38	20.63	27.75	35.40
A	M	ELEM	W	150	21.38	8.08	-3.13	40.70	12.17	15.56	20.90	27.71	32.65
A	M	HS	B	26	18.98	7.60	2.24	34.88	6.90	14.25	20.10	24.37	27.30
A	M	HS	W	205	22.67	7.56	1.57	45.39	13.38	17.49	23.00	27.48	31.95
A	M	COLL	B	18	20.55	6.83	9.84	33.32	11.30	14.00	22.93	24.86	29.10
A	M	COLL	W	330	24.47	7.65	1.79	47.63	15.21	19.09	24.52	29.49	33.86
A	M	D.K.	B	15	20.33	6.09	10.96	36.22	12.75	17.06	19.88	22.75	25.00
A	M	D.K.	W	35	22.64	7.01	8.94	41.81	14.25	17.75	21.25	26.85	32.25
A	F	ELEM	B	35	19.47	6.58	8.72	34.88	11.75	14.25	19.69	23.44	29.62
A	F	ELEM	W	131	21.21	7.12	5.81	36.90	11.53	16.82	20.64	24.96	31.47
A	F	HS	B	25	20.87	6.18	11.85	37.57	13.00	16.63	20.25	24.87	28.00
A	F	HS	W	169	21.46	7.22	1.79	42.71	12.80	16.53	21.31	25.74	30.03
A	F	COLL	B	14	20.68	4.74	14.09	32.42	14.55	16.13	21.30	23.63	25.20
A	F	COLL	W	354	22.89	6.51	4.47	45.62	14.37	18.09	23.15	27.26	30.99
A	F	D.K.	B	13	22.65	6.82	7.60	32.87	16.80	18.75	23.63	27.75	31.05
A	F	D.K.	W	49	21.96	7.05	6.93	35.11	13.84	16.58	22.12	27.42	30.96
N	M	ELEM	B	52	16.83	5.30	3.58	26.83	11.06	12.44	16.75	20.70	24.90
N	M	ELEM	W	224	18.30	7.75	0.22	50.54	8.51	13.13	17.83	22.66	28.10
N	M	HS	B	40	16.27	6.14	1.34	35.33	9.00	12.30	15.90	20.10	24.00
N	M	HS	W	160	18.60	8.95	-7.38	50.98	7.20	13.00	18.39	23.56	30.00
N	M	COLL	B	18	17.76	5.70	8.05	28.85	9.30	14.00	18.50	21.25	26.10
N	M	COLL	W	118	20.41	7.40	1.34	37.12	10.43	15.86	20.67	25.14	30.30
N	M	D.K.	B	39	17.79	6.37	-2.01	34.44	11.74	14.03	17.14	21.62	24.96
N	M	D.K.	W	75	16.78	7.85	-2.24	36.22	7.91	10.90	15.55	22.05	28.25
N	F	ELEM	B	78	15.12	5.58	4.02	28.85	7.40	11.60	15.17	18.66	22.62
N	F	ELEM	W	290	17.75	6.57	-4.25	40.03	9.36	13.04	17.89	21.92	26.18
N	F	HS	B	51	15.49	6.18	0.45	29.74	7.60	11.80	15.00	19.65	23.95
N	F	HS	W	198	18.58	7.47	-1.34	42.71	9.35	13.56	18.67	22.87	27.94
N	F	COLL	B	20	16.66	5.25	7.38	26.16	10.50	13.93	16.07	20.50	24.00
N	F	COLL	W	153	17.86	7.59	-4.92	37.34	8.06	12.96	18.00	23.28	27.51
N	F	D.K.	B	53	16.50	5.84	5.81	38.91	9.48	12.38	16.09	19.21	23.52
N	F	D.K.	W	83	15.92	5.88	2.01	33.76	8.08	11.42	16.70	19.57	23.23
TOTAL				3238	20.06	7.65	-7.38	50.98	10.64	14.85	19.70	25.03	30.24

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases.
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 81

STEP SOCIAL STUDIES, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1586	-2.54	6.63	-27.50	20.50	-10.62	-6.64	-2.04	1.44	5.49
NON-ACADEMIC	1652	-2.01	6.53	-25.50	29.50	-9.85	-5.90	-1.76	1.68	6.03
MALES	1522	-1.94	6.81	-24.50	29.50	-10.19	-6.18	-1.69	1.87	6.49
FEMALES	1716	-2.56	6.36	-27.50	25.50	-10.25	-6.35	-2.05	1.38	5.13
ELEM F.ED.	977	-2.02	6.23	-25.00	20.50	-9.77	-5.90	-1.61	1.92	5.34
HS F.ED.	874	-1.71	6.63	-27.50	29.50	-9.75	-5.80	-1.50	1.89	6.71
COLL F.ED.	1025	-2.93	6.80	-25.50	20.50	-11.25	-7.04	-2.46	1.29	5.41
D.K.F.ED.	362	-2.42	6.62	-24.50	20.00	-10.32	-6.17	-1.99	1.08	5.72
BLACK	514	-1.70	5.58	-17.50	20.00	-8.71	-5.31	-1.46	1.34	5.67
WHITE	2724	-2.38	6.75	-27.50	29.50	-10.47	-6.47	-1.98	1.62	5.80
NOT IN SAMPLE	257	-2.68	6.04	-18.50	13.50	-10.55	-6.84	-2.19	1.09	4.76

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	-2.32	6.39	-15.50	6.50	-9.97	-8.06	-1.13	2.25	4.95
A	M	ELEM	W	150	-1.78	6.69	-18.50	20.00	-10.25	-5.86	-1.40	2.33	5.62
A	M	HS	B	26	-2.02	6.01	-14.00	12.00	-9.30	-6.00	-2.36	0.43	5.70
A	M	HS	W	205	-0.90	6.40	-18.50	17.50	-9.00	-5.06	-0.74	2.86	7.62
A	M	COLL	B	18	-1.94	6.02	-11.00	15.00	-8.10	-5.63	-1.50	0.43	5.10
A	M	COLL	W	330	-2.96	7.21	-23.50	18.00	-11.85	-7.67	-2.88	1.47	6.05
A	M	D.K.	B	15	-2.67	4.69	-11.50	4.50	-11.25	-5.25	-0.86	0.75	2.25
A	M	D.K.	W	35	-3.16	8.50	-24.50	13.00	-15.75	-7.75	-1.88	2.25	6.75
A	F	ELEM	B	35	-1.84	5.59	-12.50	9.50	-8.25	-4.65	-1.67	0.97	6.37
A	F	ELEM	W	131	-2.15	5.52	-25.00	9.00	-8.47	-5.57	-1.26	1.99	4.26
A	F	HS	B	25	-0.66	5.63	-10.00	9.50	-7.29	-5.68	-0.60	3.56	6.37
A	F	HS	W	169	-3.25	6.28	-27.50	11.50	-11.35	-7.72	-2.46	0.75	4.16
A	F	COLL	B	14	-4.25	5.33	-10.50	9.50	-9.45	-7.88	-4.50	-1.88	0.90
A	F	COLL	W	354	-3.23	6.72	-25.00	20.50	-11.94	-6.99	-2.43	1.17	4.41
A	F	D.K.	B	13	0.73	5.54	-7.00	10.50	-5.55	-3.25	-0.38	5.25	7.20
A	F	D.K.	W	49	-4.42	6.40	-16.50	12.00	-11.32	-8.94	-4.13	-0.75	3.60
N	M	ELEM	B	52	-1.87	4.90	-13.00	10.00	-7.45	-5.32	-1.30	1.30	4.41
N	M	ELEM	W	224	-2.03	6.86	-24.50	20.50	-10.09	-6.38	-2.10	1.79	6.37
N	M	HS	B	40	-0.80	5.13	-11.00	11.00	-6.50	-3.90	-1.07	1.07	6.50
N	M	HS	W	160	-1.34	7.22	-19.00	29.50	-9.79	-6.17	-1.50	2.42	7.87
N	M	COLL	B	18	-2.22	4.73	-12.00	8.50	-9.30	-4.20	-1.50	0.75	3.30
N	M	COLL	W	118	-1.84	6.84	-22.50	16.00	-10.20	-5.53	-1.83	2.54	6.62
N	M	D.K.	B	39	-2.22	5.98	-14.00	20.00	-9.07	-5.25	-2.18	0.31	3.15
N	M	D.K.	W	75	-1.35	7.72	-23.50	14.50	-10.25	-5.34	-1.03	3.75	7.87
N	F	ELEM	B	78	-1.46	5.73	-17.50	10.50	-8.44	-5.31	-0.97	2.77	5.90
N	F	ELEM	W	290	-2.27	6.24	-21.50	13.00	-10.38	-6.10	-1.78	1.69	5.28
N	F	HS	B	51	-2.46	6.30	-17.50	10.50	-10.44	-6.58	-2.33	2.25	5.17
N	F	HS	W	198	-1.60	7.04	-24.00	25.50	-9.26	-5.55	-1.58	2.35	6.97
N	F	COLL	B	20	-2.00	4.51	-9.50	7.00	-8.50	-4.50	-2.36	0.75	4.50
N	F	COLL	W	153	-3.24	6.70	-25.50	12.00	-10.76	-7.33	-2.40	1.21	4.92
N	F	D.K.	B	53	-0.75	5.71	-14.00	14.00	-8.03	-4.13	-0.66	2.81	6.94
N	F	D.K.	W	83	-3.52	5.63	-18.00	11.50	-11.03	-6.31	-2.74	0.11	2.40
TOTAL				3238	-2.27	6.58	-27.50	29.50	-10.22	-6.27	-1.89	1.54	5.78

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP SOCIAL STUDIES, 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	228747414.0625	3237			
MEAN	228237881.9391	1	228237881.9391	1449968.0000	0.0000
ERROR	509532.1234	3236	157.4088		
CUR	74281.1781	1	74281.1781	730.4832	0.0000
SEX	11.1120	1	11.1120	0.1093	0.7411
F.ED	11451.7692	3	3817.2564	37.5390	0.0000
RACE	36970.7238	1	36970.7238	363.5710	0.0000
ERROR	328552.7977	3230	101.6877		
CS	20.4735	1	20.4735	0.2040	0.6516
CF	1578.9901	3	526.3300	5.2456	0.0014
CR	1118.1173	1	1118.1173	11.1436	0.0010
SF	1242.3048	3	414.1016	4.1271	0.0063
SR	33.2817	1	33.2817	0.3317	0.5649
FR	590.5204	3	196.8401	1.9618	0.1176
ERROR	322985.0364	3218	100.3371		
CSF	252.6932	3	84.2311	0.8394	0.4719
CSR	583.8819	1	583.8819	5.8189	0.0159
CFR	123.6603	3	41.2201	0.4108	0.7453
SFR	54.0589	3	18.0196	0.1796	0.9101
ERROR	321999.9769	3208	100.3428		
CSFR	184.5212	3	61.5071	0.6127	0.6065
ERROR	321815.4557	3205	100.3792		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

Table 83

STEP SOCIAL STUDIES, 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	1493013.5377	3237			
MEAN	1303329.4716	1	1303329.4716	22241.5859	0.0000
ERROR	189684.0661	3236	58.5988		
CUR	11594.2080	1	11594.2080	223.1607	0.0000
SEX	700.3130	1	700.3130	13.4793	0.0003
F.ED	1502.8396	3	500.9465	9.6420	0.0001
RACE	1214.0289	1	1214.0289	23.3671	0.0001
ERROR	167864.9691	3230	51.9545		
CS	20.2747	1	20.2747	0.3911	0.5319
CF	325.8948	3	108.6316	2.0957	0.0987
CR	0.0250	1	0.0250	0.0005	0.9825
SF	253.0881	3	84.3627	1.6275	0.1809
SR	1.6543	1	1.6543	0.0319	0.8583
FR	443.8589	3	147.9530	2.8543	0.0360
ERROR	166854.9002	3218	51.8344		
CSF	86.6439	3	28.8813	0.5567	0.6436
CSR	61.0382	1	61.0382	1.1765	0.2783
CFR	91.5090	3	30.5030	0.5880	0.6227
SFR	98.9113	3	32.9704	0.6355	0.5918
ERROR	166482.4762	3208	51.8799		
CSFR	89.0457	3	29.6819	0.5719	0.6332
ERROR	166393.4305	3205	51.9007		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 84

STEP SOCIAL STUDIES, 2ND ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	156997.2500	3237			
MEAN	16681.6183	1	16681.6183	384.8350	0.0000
ERROR	140315.6317	3236	43.3475		
CUR	89.4742	1	89.4742	2.0802	0.1496
SEX	339.1566	1	339.1566	7.8850	0.0051
F.ED	608.3222	3	202.7741	4.7142	0.0029
RACE	121.2171	1	121.2171	2.8181	0.0934
ERROR	138975.0026	3230	43.0130		
CS	0.7236	1	0.7236	0.0168	0.8969
CF	70.5529	3	23.5176	0.5465	0.6502
CR	9.1945	1	9.1945	0.2137	0.6440
SF	123.4143	3	41.1381	0.9560	0.4126
SR	125.9077	1	125.9077	2.9259	0.0875
FR	117.6079	3	39.2026	0.9110	0.4347
ERROR	138520.4122	3218	43.0323		
CSF	155.2184	3	51.7395	1.2024	0.3073
CSR	31.4607	1	31.4607	0.7312	0.3926
CFR	87.7663	3	29.2554	0.6799	0.5641
SFR	205.7647	3	68.5882	1.5940	0.1887
ERROR	138079.0630	3208	43.0267		
CSFR	205.4241	3	68.4747	1.5923	0.1892
ERROR	137873.6389	3205	43.0049		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 85

STEP LISTENING, FORM 4B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1831	273.66	11.72	224.00	323.00	258.44	265.99	273.22	280.36	287.41
NON-ACADEMIC	1826	263.25	11.40	222.00	306.00	247.45	255.03	263.33	271.05	276.56
MALES	1722	268.61	12.41	224.00	306.00	251.65	259.86	268.78	276.25	283.00
FEMALES	1935	268.33	12.91	222.00	323.00	251.05	259.43	268.44	276.17	283.01
ELEM F.ED.	1049	265.44	11.39	232.00	311.00	250.53	257.56	265.29	272.57	278.94
HS F.ED.	960	267.70	12.17	224.00	323.00	251.36	259.33	267.64	275.11	281.30
COLL F.ED.	1232	273.51	12.19	222.00	311.00	257.11	265.74	273.20	280.47	287.60
D.K.F.ED.	416	262.91	13.18	222.00	306.00	244.90	252.79	262.96	271.00	278.31
BLACK	582	257.46	10.66	222.00	288.00	242.93	249.88	257.69	264.29	270.20
WHITE	3075	270.55	11.93	222.00	323.00	254.48	262.34	270.59	277.58	284.40
NOT IN SAMPLE	5093	263.60	13.80	222.00	317.00	244.53	253.79	263.48	272.60	280.21

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	259.61	7.75	244.00	272.00	249.20	254.40	258.00	264.00	270.40
A	M	ELEM	W	160	269.94	11.64	243.00	303.00	253.11	261.76	269.69	276.26	284.00
A	M	HS	B	30	263.77	9.67	239.00	279.00	248.00	258.33	263.33	270.50	276.00
A	M	HS	W	228	273.36	11.23	224.00	306.00	259.60	266.57	272.75	279.29	286.91
A	M	COLL	B	20	263.55	9.62	246.00	284.00	250.00	257.00	261.20	268.67	274.00
A	M	COLL	W	398	276.52	10.87	239.00	306.00	261.96	269.72	276.03	282.37	288.96
A	M	D.K.	B	16	259.31	8.93	240.00	270.00	244.40	255.33	260.00	266.00	268.40
A	M	D.K.	W	38	270.21	10.30	242.00	290.00	257.20	264.00	270.89	276.00	282.27
A	F	ELEM	B	36	263.06	9.36	243.00	284.00	249.47	258.00	262.57	268.40	273.40
A	F	ELEM	W	146	272.00	11.24	234.00	311.00	257.84	263.64	271.40	279.00	285.05
A	F	HS	B	27	260.67	12.00	236.00	281.00	246.93	252.33	260.00	270.25	275.20
A	F	HS	W	185	274.51	11.06	243.00	323.00	260.53	266.48	274.36	280.37	285.86
A	F	COLL	B	15	264.87	9.30	252.00	288.00	253.00	256.33	263.50	268.50	276.00
A	F	COLL	W	445	277.48	10.40	244.00	311.00	264.25	270.44	276.54	282.64	290.09
A	F	D.K.	B	13	260.54	13.78	239.00	284.00	240.60	251.00	261.00	268.33	276.80
A	F	D.K.	W	56	274.77	11.72	236.00	303.00	260.60	267.00	274.40	280.50	287.92
N	M	ELEM	B	54	259.17	9.24	235.00	279.00	244.80	252.44	259.82	265.75	269.04
N	M	ELEM	W	240	264.63	10.68	235.00	290.00	250.00	256.78	264.37	272.38	277.50
N	M	HS	B	50	258.28	9.02	237.00	282.00	247.00	251.80	257.50	262.33	270.00
N	M	HS	W	171	265.68	10.56	231.00	296.00	251.36	258.29	265.42	272.90	277.98
N	M	COLL	B	21	256.24	10.95	234.00	273.00	238.40	250.33	257.33	263.75	267.80
N	M	COLL	W	141	268.12	11.45	228.00	293.00	253.28	261.36	269.65	274.79	280.33
N	M	D.K.	B	52	255.46	10.64	232.00	281.00	242.98	246.67	253.56	263.60	269.20
N	M	D.K.	W	85	263.24	11.63	235.00	291.00	248.00	253.75	263.20	269.91	276.00
N	F	ELEM	B	87	255.10	9.26	232.00	274.00	242.85	249.37	255.62	261.06	265.38
N	F	ELEM	W	308	265.27	10.04	235.00	290.00	251.60	258.29	265.90	271.82	276.82
N	F	HS	B	56	254.70	11.24	231.00	276.00	239.73	245.33	255.00	262.57	269.20
N	F	HS	W	213	264.40	9.72	239.00	290.00	250.82	257.08	264.65	271.03	275.06
N	F	COLL	B	22	251.50	11.04	234.00	279.00	238.40	243.20	248.67	257.33	265.20
N	F	COLL	W	170	267.47	11.07	222.00	303.00	252.67	260.47	267.75	273.19	279.20
N	F	D.K.	B	65	252.32	10.63	222.00	272.00	238.50	245.12	251.64	260.14	265.71
N	F	D.K.	W	91	265.03	11.54	241.00	306.00	250.05	256.56	264.43	272.12	277.56
TOTAL				3657	268.46	12.68	222.00	323.00	251.35	259.64	268.60	276.21	283.01

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 66

STEP LISTENING, FORM 3B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	284.63	13.56	239.00	327.00	267.36	275.36	283.65	292.68	301.86
NON-ACADEMIC	1802	271.64	12.09	233.00	315.00	256.06	262.91	270.90	279.26	286.78
MALES	1699	278.32	14.28	233.00	327.00	259.29	268.36	277.65	286.91	295.64
FEMALES	1907	277.98	14.50	239.00	325.00	259.09	267.59	277.09	287.06	295.77
ELEM F.ED.	1025	274.53	12.70	242.00	327.00	258.12	265.37	273.17	282.12	290.68
HS F.ED.	941	276.93	14.07	233.00	325.00	258.78	267.01	276.06	284.92	294.17
COLL F.ED.	1227	284.15	13.66	244.00	325.00	266.38	274.63	283.59	292.46	301.15
D.K.F.ED.	413	271.99	14.98	237.00	319.00	252.06	260.97	270.60	280.82	290.92
BLACK	573	265.72	11.37	233.00	308.00	250.41	257.37	264.52	272.24	280.69
WHITE	3033	280.49	13.69	237.00	327.00	262.99	270.56	279.64	288.79	297.46
NOT IN SAMPLE	4444	272.54	15.52	233.00	327.00	252.70	260.50	271.04	282.16	293.09

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	267.67	12.25	242.00	290.00	247.20	263.00	266.67	273.00	284.80
A	M	ELEM	W	158	281.49	13.66	249.00	327.00	263.31	272.18	280.97	289.37	297.76
A	M	HS	B	29	269.62	11.70	247.00	291.00	251.80	261.25	268.67	278.20	284.40
A	M	HS	W	223	283.69	12.88	251.00	325.00	268.29	274.68	281.78	291.29	300.62
A	M	COLL	B	20	270.30	13.33	248.00	308.00	254.00	261.33	270.00	274.00	284.00
A	M	COLL	W	393	288.32	11.97	251.00	325.00	272.68	279.91	287.26	295.10	303.45
A	M	D.K.	B	16	272.19	10.79	250.00	289.00	251.20	269.00	274.00	279.00	282.80
A	M	D.K.	W	38	284.87	14.54	252.00	319.00	266.40	275.00	284.00	293.00	302.40
A	F	ELEM	B	36	271.97	10.79	248.00	296.00	259.20	264.00	271.00	278.00	285.60
A	F	ELEM	W	135	281.93	13.40	248.00	319.00	263.00	272.20	281.53	290.93	295.88
A	F	HS	B	26	271.77	13.60	247.00	306.00	257.20	261.67	270.00	281.00	287.20
A	F	HS	W	182	285.86	12.77	252.00	322.00	269.53	277.16	284.48	292.95	302.72
A	F	COLL	B	15	275.20	10.79	247.00	292.00	262.00	269.50	276.67	282.50	287.00
A	F	COLL	W	446	288.49	12.10	251.00	325.00	272.63	279.70	287.36	295.54	304.24
A	F	D.K.	B	13	272.08	14.19	251.00	302.00	251.00	260.50	276.50	279.75	283.40
A	F	D.K.	W	56	284.45	14.72	239.00	315.00	264.80	276.00	284.00	292.00	303.40
N	M	ELEM	B	55	265.53	10.87	244.00	292.00	249.50	256.60	266.00	271.42	279.00
N	M	ELEM	W	238	272.98	10.77	247.00	304.00	258.45	265.52	271.91	279.45	286.22
N	M	HS	B	48	264.54	11.69	233.00	289.00	249.80	257.33	262.67	271.33	280.40
N	M	HS	W	167	273.81	11.72	245.00	315.00	258.37	265.35	273.31	280.29	287.38
N	M	COLL	B	20	266.85	10.49	249.00	285.00	254.00	257.60	266.00	274.00	282.00
N	M	COLL	W	140	277.03	11.63	247.00	304.00	259.00	268.80	277.82	284.47	290.67
N	M	D.K.	B	51	264.86	11.17	242.00	285.00	248.88	256.75	263.80	273.25	279.92
N	M	D.K.	W	85	270.14	12.62	237.00	304.00	253.50	260.83	269.69	277.50	287.50
N	F	ELEM	B	85	263.86	7.82	242.00	286.00	254.44	258.31	262.90	268.54	273.50
N	F	ELEM	W	300	274.15	10.88	247.00	315.00	259.37	266.53	273.33	280.69	287.65
N	F	HS	B	55	261.58	10.71	244.00	284.00	247.50	251.88	259.80	269.00	277.50
N	F	HS	W	211	273.03	10.62	244.00	302.00	259.17	265.86	271.83	280.04	286.74
N	F	COLL	B	22	260.77	9.32	252.00	289.00	252.00	253.20	260.00	263.67	271.20
N	F	COLL	W	171	276.54	11.95	244.00	312.00	261.64	267.95	275.58	283.50	291.96
N	F	D.K.	B	64	259.94	9.39	239.00	283.00	247.52	252.80	258.67	267.11	271.04
N	F	D.K.	W	90	273.11	13.43	242.00	310.00	256.00	263.40	271.75	280.25	292.00
TOTAL				3606	278.14	14.40	233.00	327.00	259.18	268.00	277.37	286.99	295.71

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 87

STEP LISTENING, FORM 3A, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1641	291.87	14.04	251.00	333.00	273.31	281.50	290.44	301.35	309.34
NON-ACADEMIC	1697	278.87	13.11	233.00	333.00	262.40	269.71	277.61	285.92	295.35
MALES	1573	284.96	14.71	233.00	333.00	266.01	274.26	283.41	294.66	304.14
FEMALES	1765	285.53	15.34	238.00	333.00	266.32	274.31	283.48	295.34	305.70
ELEM F.ED.	1013	281.43	13.23	246.00	325.00	264.61	271.54	279.95	288.99	298.92
HS F.ED.	906	283.77	14.28	233.00	327.00	265.73	273.55	282.32	292.48	301.95
COLL F.ED.	1035	292.35	14.69	238.00	327.00	273.14	281.15	290.93	302.60	311.00
D.K.F.ED.	384	279.79	15.36	245.00	333.00	260.76	268.87	278.29	287.33	299.16
BLACK	545	274.64	12.18	243.00	319.00	258.65	266.07	273.80	281.38	288.59
WHITE	2793	287.34	14.68	233.00	333.00	268.51	276.44	285.60	296.94	306.17
NOT IN SAMPLE	4576	279.77	16.16	233.00	330.00	259.39	267.92	278.28	289.45	301.22

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	279.33	11.91	259.00	308.00	265.20	273.00	278.00	282.67	302.80
A	M	ELEM	W	158	287.08	13.51	252.00	324.00	268.09	277.75	286.84	295.89	304.08
A	M	HS	B	30	280.50	13.07	257.00	308.00	262.00	270.33	280.67	289.33	296.67
A	M	HS	W	211	290.01	11.96	260.00	322.00	274.69	280.39	289.04	298.05	304.83
A	M	COLL	B	19	281.89	13.57	263.00	315.00	267.80	273.50	278.50	284.50	302.40
A	M	COLL	W	338	295.58	12.98	260.00	327.00	278.43	284.89	295.58	304.44	312.40
A	M	D.K.	B	15	280.13	10.82	251.00	293.00	268.00	273.50	282.50	286.33	289.33
A	M	D.K.	W	35	291.77	14.17	261.00	325.00	273.00	280.33	291.00	301.25	307.00
A	F	ELEM	B	36	281.36	10.81	256.00	308.00	261.47	276.00	282.00	285.60	291.60
A	F	ELEM	W	142	289.77	13.99	257.00	325.00	270.60	279.86	288.15	299.50	307.44
A	F	HS	B	26	279.08	16.09	255.00	319.00	257.47	267.67	276.00	285.33	302.80
A	F	HS	W	174	292.13	13.08	255.00	327.00	274.80	282.09	291.18	300.56	308.04
A	F	COLL	B	15	282.87	10.36	270.00	310.00	272.00	275.75	280.00	285.00	300.00
A	F	COLL	W	358	297.54	12.90	258.00	327.00	280.40	287.04	297.86	305.62	315.47
A	F	D.K.	B	13	279.00	14.18	251.00	296.00	255.20	271.00	280.00	285.50	296.00
A	F	D.K.	W	53	293.17	16.27	253.00	333.00	271.73	281.25	291.00	305.00	314.70
N	M	ELEM	B	52	272.94	10.00	252.00	304.00	257.20	266.57	272.33	277.20	285.60
N	M	ELEM	W	229	278.68	11.46	246.00	312.00	264.26	270.22	277.55	285.24	293.11
N	M	HS	B	45	273.69	12.02	251.00	306.00	258.86	263.00	272.50	280.50	288.00
N	M	HS	W	162	278.99	13.61	233.00	317.00	261.36	270.59	278.38	286.33	295.40
N	M	COLL	B	19	273.89	11.02	257.00	298.00	259.80	264.33	272.00	279.67	294.20
N	M	COLL	W	117	285.13	13.51	248.00	322.00	268.70	276.08	283.50	293.00	302.20
N	M	D.K.	B	46	273.70	11.34	253.00	306.00	259.28	264.33	272.50	280.44	287.60
N	M	D.K.	W	79	277.16	14.60	245.00	333.00	259.80	266.43	276.20	283.89	294.20
N	F	ELEM	B	80	271.69	9.82	252.00	302.00	258.40	263.50	271.20	278.00	283.60
N	F	ELEM	W	298	280.80	12.12	253.00	325.00	265.25	271.74	279.20	287.79	296.25
N	F	HS	B	55	271.51	13.00	243.00	306.00	254.67	263.75	270.22	279.80	288.00
N	F	HS	W	203	280.57	11.80	249.00	317.00	265.77	272.12	279.06	286.68	295.71
N	F	COLL	B	18	271.50	9.72	249.00	286.00	259.07	264.00	272.00	279.00	283.60
N	F	COLL	W	151	285.45	14.83	238.00	327.00	268.91	274.55	283.64	294.08	305.07
N	F	D.K.	B	58	268.33	10.17	248.00	295.00	253.73	260.44	268.22	275.25	280.13
N	F	D.K.	W	85	280.15	12.44	255.00	322.00	264.57	271.70	278.82	285.44	295.00
TOTAL				3338	285.26	15.05	233.00	333.00	266.18	274.29	283.45	294.98	305.01

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 66

STEP LISTENING, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1801	297.66	14.27	240.00	335.00	279.34	288.32	297.20	307.30	315.48
NON-ACADEMIC	1764	284.54	13.35	240.00	322.00	267.72	274.99	284.44	292.37	300.03
MALES	1673	290.86	15.39	240.00	335.00	270.51	280.80	290.51	300.27	310.47
FEMALES	1892	291.44	15.21	240.00	335.00	271.54	280.10	290.63	300.85	312.14
ELEM F.ED.	1029	287.70	13.98	240.00	332.00	269.61	277.88	287.87	296.52	304.91
HS F.ED.	942	290.13	14.39	240.00	335.00	270.86	280.65	289.89	298.55	309.04
COLL F.ED.	1213	296.89	14.97	242.00	335.00	276.78	286.76	296.72	307.11	315.68
D.K.F.ED.	381	284.88	16.09	240.00	334.00	265.73	273.63	283.08	294.17	306.97
BLACK	540	279.55	13.25	240.00	323.00	264.00	270.54	278.35	287.14	295.64
WHITE	3025	293.24	14.70	240.00	335.00	273.93	283.28	292.26	302.45	312.57
NOT IN SAMPLE	3544	286.73	15.90	240.00	335.00	265.56	275.54	286.68	296.68	307.11

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	285.28	13.13	261.00	312.00	263.60	275.00	289.00	293.50	296.80
A	M	ELEM	W	155	293.94	14.88	240.00	332.00	274.00	285.10	293.76	303.56	311.80
A	M	HS	B	29	282.31	14.58	240.00	309.00	263.60	272.50	284.40	290.75	300.20
A	M	HS	W	223	296.90	12.72	249.00	335.00	281.96	288.08	294.79	304.81	314.17
A	M	COLL	B	20	283.55	11.03	271.00	317.00	271.00	274.67	281.33	288.00	296.00
A	M	COLL	W	391	300.52	13.57	242.00	332.00	283.49	291.97	300.60	309.29	316.18
A	M	D.K.	B	14	283.21	11.70	266.00	308.00	269.60	274.00	280.00	292.67	295.47
A	M	D.K.	W	35	297.49	13.38	275.00	326.00	278.00	289.00	295.71	307.00	314.00
A	F	ELEM	B	36	290.89	10.82	267.00	318.00	279.20	282.86	289.60	296.00	304.80
A	F	ELEM	W	145	295.73	13.78	252.00	322.00	277.25	286.06	296.10	305.50	314.44
A	F	HS	B	26	283.85	16.99	240.00	323.00	266.40	273.00	284.00	294.00	304.80
A	F	HS	W	186	298.22	12.20	256.00	327.00	282.34	289.85	297.71	306.80	314.68
A	F	COLL	B	15	289.80	16.54	267.00	317.00	269.00	276.75	290.00	304.50	314.00
A	F	COLL	W	442	301.87	13.40	267.00	335.00	283.64	291.85	300.86	311.73	319.66
A	F	D.K.	B	12	286.58	16.72	264.00	315.00	268.80	274.00	280.00	300.00	311.20
A	F	D.K.	W	54	296.83	16.13	256.00	334.00	274.80	288.29	296.57	307.00	315.47
N	M	ELEM	B	53	279.30	11.71	252.00	300.00	264.30	270.83	278.89	287.80	293.70
N	M	ELEM	W	235	285.41	12.96	240.00	315.00	268.67	276.55	286.52	293.39	299.76
N	M	HS	B	45	278.33	16.12	240.00	309.00	258.00	266.25	278.33	287.86	299.00
N	M	HS	W	169	286.00	12.49	256.00	319.00	267.51	277.91	286.64	292.85	299.77
N	M	COLL	B	19	277.95	13.02	259.00	306.00	259.00	269.50	278.00	285.25	300.40
N	M	COLL	W	139	289.27	13.14	249.00	322.00	271.93	279.89	289.69	296.93	305.68
N	M	D.K.	B	45	274.22	13.32	242.00	308.00	254.00	265.86	275.00	282.11	288.67
N	M	D.K.	W	83	281.95	14.23	243.00	321.00	265.20	273.90	281.11	289.75	297.54
N	F	ELEM	B	81	276.31	11.28	240.00	304.00	264.63	269.92	275.86	282.71	289.66
N	F	ELEM	W	306	286.73	12.04	242.00	319.00	271.60	277.93	286.74	294.08	301.26
N	F	HS	B	55	277.65	10.39	253.00	312.00	266.00	270.56	275.82	282.43	291.00
N	F	HS	W	209	286.76	11.90	252.00	317.00	271.05	277.76	288.05	293.89	299.42
N	F	COLL	B	20	272.80	9.01	257.00	292.00	260.00	264.00	273.33	278.40	282.00
N	F	COLL	W	167	288.81	13.06	242.00	321.00	270.57	280.14	288.48	297.24	305.02
N	F	D.K.	B	52	275.04	8.17	261.00	293.00	264.11	268.40	274.29	281.14	285.87
N	F	D.K.	W	86	286.65	15.87	240.00	322.00	268.34	275.25	285.60	294.89	307.52
TOTAL				3565	291.17	15.30	240.00	335.00	271.10	280.42	290.56	300.57	311.31

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 89

STEP LISTENING, FORM 4B, GRADE 5, 1961

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	26415766C.0000	3656			
MEAN	263569815.2620	1	263569815.2620	1639226.0000	0.0000
ERROR	587844.7380	3655	160.7891		
CUR	51222.7887	1	51222.7887	443.0435	0.0000
SEX	83.8827	1	83.8827	0.7255	0.3946
F.ED	9766.9187	3	3255.6396	28.1591	0.0000
RACE	47496.3566	1	47496.3566	410.8123	0.0000
ERROR	421997.1419	3649	115.6157		
CS	997.9173	1	997.9173	8.7282	0.0033
CF	1385.6847	3	461.8949	4.0399	0.0072
CR	242.5650	1	242.5650	2.1216	0.1455
SF	714.3963	3	238.1321	2.0828	0.1004
SR	1125.5471	1	1125.5471	9.8445	0.0019
FR	1303.7026	3	434.5675	3.8009	0.0099
ERROR	415942.1464	3637	114.3327		
CSF	11.3379	3	3.7793	0.0330	0.9920
CSR	134.9055	1	134.9055	1.1780	0.2780
CFR	210.6743	3	70.2248	0.6132	0.6064
SFR	45.7451	3	15.2484	0.1331	0.9403
ERROR	415486.6029	3627	114.5223		
CSFR	269.7212	3	89.9071	0.7849	0.5020
ERROR	415216.8817	3624	114.5426		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 90

STEP LISTENING, FORM 3B, GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	279714532.0000	3605			
MEAN	278966971.9249	1	278966971.9249	1345276.0000	0.0000
ERROR	747560.0751	3604	207.3677		
CUR	84004.2614	1	84004.2614	587.4131	0.0000
SEX	103.5480	1	103.5480	0.7241	0.3952
F.ED	12544.7563	3	4181.5988	29.2405	0.0000
RACE	56741.9033	1	56741.9033	396.7766	0.0000
ERROR	514682.3405	3598	143.0071		
CS	389.4953	1	389.4953	2.7436	0.0981
CF	1950.7118	3	650.2373	4.5803	0.0033
CR	872.7671	1	872.7671	6.1479	0.0132
SF	328.4884	3	109.4961	0.7713	0.5098
SR	461.2348	1	461.2348	3.2490	0.0719
FR	973.2351	3	324.4117	2.2852	0.0769
ERROR	509220.5819	3586	141.9629		
CSF	503.7183	3	167.9061	1.1834	0.3145
CSR	895.6681	1	895.6681	6.3127	0.0122
CFR	12.7857	3	4.2619	0.0300	0.9929
SFR	329.1526	3	109.7175	0.7733	0.5085
ERROR	507516.8734	3576	141.8835		
CSFR	215.9695	3	71.9898	0.5072	0.6772
ERROR	507300.9040	3573	141.9421		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 91

STEP LISTENING, FORM 3A, GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	272383601.0000	3337			
MEAN	271627621.4614	1	271627621.4614	1199001.0000	0.0000
ERROR	755979.5386	3336	226.5448		
CUR	80562.6066	1	80562.6066	492.2844	0.0000
SEX	1633.1569	1	1633.1569	9.9795	0.0017
F.ED	21669.0518	3	7223.0173	44.1368	0.0000
RACE	37015.0261	1	37015.0261	226.1833	0.0000
ERROR	545119.6307	3330	163.6505		
CS	205.1065	1	205.1065	1.2610	0.2617
CF	1144.3116	3	381.4372	2.3451	0.0710
CR	614.5634	1	614.5634	3.7785	0.0522
SF	220.5909	3	73.5303	0.4521	0.7157
SR	1347.2206	1	1347.2206	8.2830	0.0041
FR	1351.1368	3	450.3789	2.7690	0.0403
ERROR	539833.5644	3318	162.6495		
CSF	85.0411	3	28.3470	0.1740	0.9139
CSR	115.9156	1	115.9156	0.7116	0.3991
CFR	315.5376	3	105.1792	0.6457	0.5853
SFR	276.3914	3	92.1305	0.5656	0.6376
ERROR	539022.7201	3308	162.8960		
CSFR	83.8499	3	27.9500	0.1715	0.9155
ERROR	538938.8702	3305	163.0185		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 92

STEP LISTENING, FORM 2B, GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	303071750.0000	3564			
MEAN	302237151.6310	1	302237151.6310	1290647.0000	0.0000
ERROR	834598.3690	3563	234.1748		
CUR	91351.6852	1	91351.6852	528.8552	0.0000
SEX	1287.2288	1	1287.2288	7.4521	0.0064
F.ED	10855.1058	3	3618.3699	20.9476	0.0000
RACE	45262.5468	1	45262.5468	262.0349	0.0000
ERROR	614589.7024	3557	172.7347		
CS	327.1356	1	327.1356	1.9012	0.1684
CF	1071.9559	3	357.3186	2.0766	0.1012
CR	254.0130	1	254.0130	1.4762	0.2246
SF	411.3320	3	137.1107	0.7968	0.4952
SR	125.2120	1	125.2120	0.7277	0.3939
FR	1818.0301	3	606.0100	3.5219	0.0145
ERROR	610152.5368	3545	172.0679		
CSF	716.3061	3	238.7687	1.3897	0.2440
CSR	887.9694	1	887.9694	5.1683	0.0233
CFR	963.0209	3	321.0070	1.8684	0.1327
SFR	8.1848	3	2.7283	0.0159	0.9971
ERROR	607522.8856	3535	171.8109		
CSFR	241.4565	3	80.4855	0.4682	0.7041
ERROR	607281.4291	3532	171.8884		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 93

STEP LISTENING, 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1565	286.64	11.76	246.00	319.25	271.63	278.83	286.37	294.55	302.05
NON-ACADEMIC	1614	274.69	10.80	243.00	314.00	260.38	267.00	274.35	281.94	288.14
MALES	1502	280.49	12.53	246.00	319.25	263.78	271.81	280.44	288.68	296.41
FEMALES	1677	280.65	12.98	243.00	318.50	264.08	271.51	280.30	289.27	298.16
ELEM F.ED.	958	277.29	11.27	247.25	316.25	262.41	269.10	276.59	284.68	291.42
HS F.ED.	867	279.59	12.11	246.00	319.25	264.21	271.49	279.66	286.98	294.99
COLL F.ED.	1003	286.44	12.24	243.00	318.50	270.59	278.16	286.52	295.04	302.28
D.K.F.ED.	351	275.19	13.46	246.00	316.00	258.22	265.43	274.12	283.30	293.16
BLACK	495	269.66	10.29	247.00	307.25	256.27	262.02	269.29	275.49	283.19
WHITE	2684	282.58	12.14	243.00	319.25	266.70	274.01	282.19	290.59	298.54
NOT IN SAMPLE	244	274.56	13.94	246.00	307.75	255.62	263.81	273.86	284.57	294.04

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	272.97	9.71	253.00	295.50	259.20	268.67	273.33	277.00	284.80
A	M	ELEM	W	149	283.45	11.92	255.50	316.25	266.51	274.90	283.78	290.39	298.07
A	M	HS	B	28	273.85	10.74	250.25	291.25	255.60	268.00	273.00	282.00	288.27
A	M	HS	W	201	285.86	9.95	256.00	319.25	274.14	278.97	284.61	292.11	298.23
A	M	COLL	B	19	274.63	10.47	257.00	301.25	263.60	269.00	273.43	276.50	296.40
A	M	COLL	W	328	289.85	10.41	255.75	315.50	275.97	282.34	290.13	296.95	303.51
A	M	D.K.	B	13	272.56	9.10	251.75	284.50	257.20	269.00	275.33	278.75	282.80
A	M	D.K.	W	32	285.11	10.72	261.25	311.00	270.93	278.67	285.20	292.00	299.60
A	F	ELEM	B	33	276.47	9.45	256.25	300.25	268.13	270.33	275.00	282.75	287.70
A	F	ELEM	W	128	284.55	11.46	251.75	308.25	268.53	276.80	283.81	292.80	298.64
A	F	HS	B	24	274.43	13.62	251.00	307.25	257.60	265.00	272.00	283.00	291.20
A	F	HS	W	167	287.63	10.51	259.25	316.50	273.92	280.42	287.08	294.65	301.72
A	F	COLL	B	15	278.18	9.94	263.50	300.75	268.50	270.75	275.33	282.50	294.00
A	F	COLL	W	347	291.27	10.36	260.25	318.50	278.18	283.53	290.84	298.46	306.00
A	F	D.K.	B	12	274.67	13.87	251.75	299.25	256.80	265.33	276.00	286.00	291.20
A	F	D.K.	W	51	287.50	13.85	246.00	316.00	272.08	278.75	287.60	296.25	306.00
N	M	ELEM	B	50	269.00	8.90	249.25	287.00	256.00	262.33	269.33	274.57	279.33
N	M	ELEM	W	222	275.42	9.65	247.25	297.25	262.27	268.41	275.45	282.33	288.21
N	M	HS	B	38	269.28	10.35	252.75	292.50	257.07	262.00	267.00	275.33	285.60
N	M	HS	W	157	276.03	10.56	246.00	309.50	261.48	268.76	275.92	283.06	288.24
N	M	COLL	B	17	268.22	9.93	253.25	290.25	257.40	261.25	266.00	273.75	285.20
N	M	COLL	W	115	279.55	10.90	249.25	307.00	266.00	273.15	280.09	285.92	294.00
N	M	D.K.	B	39	267.61	9.30	248.00	291.50	255.87	259.83	266.44	274.17	279.10
N	M	D.K.	W	76	273.12	11.63	246.75	310.25	258.88	264.67	272.31	280.44	287.40
N	F	ELEM	B	73	267.13	7.96	247.50	289.50	256.13	260.82	266.53	273.27	276.70
N	F	ELEM	W	285	276.68	9.51	254.50	306.75	264.38	269.83	276.05	283.22	288.33
N	F	HS	B	53	266.35	9.68	250.00	293.75	253.84	258.33	266.00	273.50	280.56
N	F	HS	W	199	276.23	9.41	249.25	302.25	265.06	269.59	275.62	282.38	287.22
N	F	COLL	B	16	264.98	8.91	251.50	281.50	252.80	256.00	265.00	272.00	280.80
N	F	COLL	W	146	279.60	10.79	243.00	308.75	265.40	272.58	279.05	287.05	293.20
N	F	D.K.	B	47	264.34	7.99	247.00	280.25	253.40	258.09	263.71	270.78	274.87
N	F	D.K.	W	81	275.92	12.05	249.50	314.00	260.63	268.75	275.00	281.90	293.20
TOTAL				3179	280.57	12.76	243.00	319.25	263.97	271.65	280.37	289.00	297.43

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 94

STEP LISTENING, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1565	17.70	8.51	-20.57	53.89	7.35	12.28	17.75	22.98	28.45
NON-ACADEMIC	1614	15.86	7.90	-33.54	46.51	5.98	11.02	16.04	20.84	25.39
MALES	1502	16.30	8.61	-20.57	53.89	5.66	11.00	16.46	21.67	27.18
FEMALES	1677	17.19	7.90	-33.54	46.51	7.64	12.20	17.25	22.12	26.94
ELEM F.ED.	958	16.48	8.03	-33.54	41.37	6.72	11.56	16.62	21.39	26.45
HS F.ED.	867	16.58	7.95	-11.85	46.51	6.71	11.24	16.69	21.74	26.45
COLL F.ED.	1003	17.34	8.66	-20.57	47.63	6.37	11.98	17.59	22.75	28.06
D.K.F.ED.	351	16.39	8.35	-14.09	53.89	6.37	11.50	16.25	21.26	26.99
BLACK	495	16.82	7.97	-11.85	38.68	6.31	12.06	16.70	22.17	27.43
WHITE	2684	16.76	8.31	-33.54	53.89	6.61	11.51	16.94	21.87	26.96
NOT IN SAMPLE	244	18.25	8.56	-5.14	39.80	6.10	12.63	19.57	24.00	28.08

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	19.83	7.74	2.91	31.30	12.90	15.00	18.50	27.00	30.15
A	M	ELEM	W	149	17.45	8.72	-12.97	41.37	7.68	11.88	17.89	23.18	27.53
A	M	HS	B	28	14.30	8.33	-1.12	29.29	3.30	8.50	13.50	21.00	25.80
A	M	HS	W	201	17.16	8.36	-3.35	44.94	7.73	10.91	16.80	22.18	28.84
A	M	COLL	B	19	16.50	8.04	-0.67	31.08	4.20	11.63	17.75	20.75	25.80
A	M	COLL	W	328	17.17	9.27	-20.57	47.63	5.47	11.79	17.60	22.85	28.12
A	M	D.K.	B	13	18.39	7.91	4.02	29.96	5.40	12.38	18.00	26.25	28.20
A	M	D.K.	W	32	20.04	10.10	-3.58	53.89	10.70	14.50	18.50	24.50	31.30
A	F	ELEM	B	33	20.25	6.49	8.50	38.68	13.60	15.25	19.71	23.81	30.20
A	F	ELEM	W	128	17.73	7.65	-5.59	37.34	8.53	12.50	17.70	22.87	27.23
A	F	HS	B	24	17.45	9.50	-11.85	32.42	5.70	13.50	17.25	23.70	29.40
A	F	HS	W	167	17.60	7.96	-10.06	45.39	7.35	13.45	18.08	22.19	26.60
A	F	COLL	B	15	18.44	9.92	2.01	35.11	6.00	10.13	18.75	25.87	33.00
A	F	COLL	W	347	18.53	8.30	-10.51	45.39	8.41	13.33	18.25	23.62	29.63
A	F	D.K.	B	12	18.48	9.56	5.59	33.99	6.30	10.50	16.50	27.00	30.90
A	F	D.K.	W	51	16.63	7.81	1.57	35.11	6.08	11.33	17.06	21.84	25.45
N	M	ELEM	B	50	14.76	7.20	-0.45	30.63	3.50	10.65	14.63	18.75	26.25
N	M	ELEM	W	222	15.18	8.54	-13.42	35.78	4.87	10.42	15.44	20.48	25.77
N	M	HS	B	38	15.84	8.97	-6.71	31.08	3.90	9.00	16.50	22.75	25.80
N	M	HS	W	157	15.02	7.54	-3.80	34.44	4.76	9.82	14.84	20.72	24.49
N	M	COLL	B	17	16.48	5.87	5.14	25.27	8.55	11.44	17.00	22.12	24.22
N	M	COLL	W	115	15.96	8.41	-16.10	34.66	5.45	10.63	16.18	21.07	27.60
N	M	D.K.	B	39	14.35	9.57	-10.51	32.20	-2.31	10.88	14.85	19.75	25.65
N	M	D.K.	W	76	14.52	8.02	-14.09	36.45	5.46	10.50	15.35	18.71	21.90
N	F	ELEM	B	73	16.87	7.09	-1.79	33.32	7.73	13.22	16.61	20.92	26.20
N	F	ELEM	W	285	15.97	7.69	-33.54	40.03	6.71	11.14	16.12	20.48	24.86
N	F	HS	B	53	17.72	8.09	2.01	35.11	5.80	12.75	17.67	23.87	28.32
N	F	HS	W	199	16.41	7.16	-3.58	46.51	8.03	11.64	16.60	20.71	24.99
N	F	COLL	B	16	16.17	7.76	-6.93	27.06	9.30	13.50	17.10	19.50	24.60
N	F	COLL	W	146	16.18	8.37	-16.55	42.93	5.10	11.05	17.13	22.12	25.15
N	F	D.K.	B	47	17.45	6.47	4.92	32.42	10.05	12.53	17.14	22.18	27.15
N	F	D.K.	W	81	16.27	8.05	-2.24	42.04	6.36	11.02	15.88	21.54	26.04
TOTAL				3179	16.77	8.25	-33.54	53.89	6.57	11.60	15.50	21.91	27.05

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 95

STEP LISTENING, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1565	-2.98	7.37	-35.00	21.50	-12.39	-7.19	-2.69	1.84	6.05
NON-ACADEMIC	1614	-1.44	7.11	-44.00	25.00	-10.37	-5.59	-0.98	3.01	6.85
MALES	1502	-2.18	7.53	-35.00	25.00	-11.91	-6.63	-1.89	2.60	6.73
FEMALES	1677	-2.21	7.05	-44.00	21.50	-10.93	-6.43	-1.62	2.36	6.32
ELEM F.ED.	958	-1.39	6.82	-44.00	23.50	-9.80	-5.36	-1.15	3.02	6.61
HS F.ED.	867	-1.54	7.33	-26.50	25.00	-10.95	-5.88	-1.20	2.96	7.20
COLL F.ED.	1003	-3.57	7.53	-29.00	21.50	-13.13	-7.88	-3.24	1.33	5.76
D.K.F.ED.	351	-2.13	7.10	-24.50	21.00	-11.61	-6.68	-1.36	2.49	6.31
BLACK	495	-1.64	6.58	-21.50	20.50	-10.22	-5.82	-1.04	2.44	6.16
WHITE	2684	-2.30	7.40	-44.00	25.00	-11.71	-6.62	-1.92	2.49	6.56
NOT IN SAMPLE	244	-5.43	7.32	-25.50	15.50	-14.82	-10.32	-4.85	0.20	3.53

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	-1.06	6.11	-13.00	13.00	-8.10	-5.00	-0.64	1.29	6.30
A	M	ELEM	W	149	-2.33	7.34	-35.00	20.00	-12.02	-6.42	-2.17	2.69	6.32
A	M	HS	B	28	-2.73	5.99	-16.00	7.00	-9.70	-6.30	-2.50	2.10	4.70
A	M	HS	W	201	-1.95	7.47	-26.00	18.00	-12.08	-6.29	-1.86	2.72	7.48
A	M	COLL	B	19	-2.32	5.86	-17.00	8.50	-10.80	-3.75	-0.67	0.92	3.15
A	M	COLL	W	328	-3.80	7.99	-29.00	19.00	-13.97	-8.16	-3.75	1.50	6.08
A	M	D.K.	B	13	-4.73	5.74	-12.50	4.00	-11.55	-8.63	-5.00	0.75	3.20
A	M	D.K.	W	32	-4.50	6.67	-20.00	9.50	-13.30	-8.50	-3.64	0.30	3.60
A	F	ELEM	B	33	0.06	4.44	-8.00	8.00	-6.12	-3.75	-0.38	3.42	5.77
A	F	ELEM	W	128	-1.92	7.36	-28.50	17.00	-10.28	-6.42	-1.97	3.00	6.69
A	F	HS	B	24	-3.81	6.49	-15.50	9.00	-14.10	-7.50	-3.00	0.75	4.10
A	F	HS	W	167	-2.58	7.18	-22.50	17.00	-11.95	-6.64	-2.14	2.01	6.14
A	F	COLL	B	15	-1.70	6.78	-12.50	10.00	-10.13	-8.44	-0.25	2.25	6.75
A	F	COLL	W	347	-3.85	7.34	-29.00	21.50	-13.22	-8.12	-3.81	0.97	5.42
A	F	D.K.	B	12	-1.50	6.05	-11.00	7.50	-9.90	-6.00	-0.50	3.00	5.70
A	F	D.K.	W	51	-3.53	7.48	-21.00	12.00	-12.71	-9.45	-3.25	0.63	7.20
N	M	ELEM	B	50	-0.50	5.69	-16.50	14.50	-8.25	-3.45	-0.21	2.85	5.70
N	M	ELEM	W	222	-0.84	7.08	-24.50	23.50	-9.66	-4.90	-1.03	3.57	7.35
N	M	HS	B	38	0.53	8.14	-17.00	20.50	-9.70	-3.75	-0.64	3.75	11.10
N	M	HS	W	157	-0.62	7.59	-25.50	25.00	-10.83	-4.66	-0.46	3.37	8.36
N	M	COLL	B	17	-4.74	8.12	-20.50	8.50	-14.40	-9.75	-4.88	0.56	6.45
N	M	COLL	W	115	-2.82	7.11	-18.00	15.00	-12.33	-7.38	-2.65	2.35	6.12
N	M	D.K.	B	39	-4.06	8.52	-21.50	13.00	-13.65	-10.13	-4.25	1.05	10.57
N	M	D.K.	W	76	-1.28	7.89	-24.50	21.00	-10.90	-6.17	-0.58	3.81	7.02
N	F	ELEM	B	73	-1.66	5.95	-18.50	10.00	-9.40	-6.19	-0.98	2.02	5.66
N	F	ELEM	W	285	-1.35	6.72	-44.00	15.00	-9.20	-4.72	-0.91	3.02	6.64
N	F	HS	B	53	-0.28	6.86	-13.50	13.50	-9.51	-5.06	-0.23	4.82	8.77
N	F	HS	W	199	-1.26	7.17	-26.50	18.50	-9.86	-5.64	-0.58	3.36	7.21
N	F	COLL	B	16	-4.59	6.16	-13.50	4.50	-12.30	-10.50	-3.50	0.50	2.90
N	F	COLL	W	146	-3.07	7.62	-28.50	15.50	-13.02	-6.83	-2.17	1.45	5.82
N	F	D.K.	B	47	-0.48	5.53	-17.50	8.50	-6.97	-2.89	0.09	3.09	5.91
N	F	D.K.	W	81	-0.81	6.10	-14.00	13.50	-8.74	-4.45	-0.47	3.29	6.57
TOTAL				3179	-2.20	7.28	-44.00	25.00	-11.46	-6.52	-1.75	2.49	6.50

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 56

STEP LISTENING, 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	250769274.5625	3178			
MEAN	250251037.1970	1	250251037.1970	1534620.0000	0.0000
ERROR	518237.3655	3177	163.0703		
CUR	67104.8663	1	67104.8663	617.2710	0.0000
SEX	714.9714	1	714.9714	6.5767	0.0104
F.ED	11225.3223	3	3741.7741	34.4191	0.0000
RACE	40131.9674	1	40131.9674	369.1580	0.0000
ERROR	344834.7835	3171	108.7121		
CS	375.1291	1	375.1291	3.4775	0.0624
CF	1031.7663	3	343.9221	3.1882	0.0228
CR	552.5023	1	552.5023	5.1218	0.0239
SF	146.8765	3	48.9588	0.4539	0.7146
SR	439.4339	1	439.4339	4.0736	0.0438
FR	980.7597	3	326.9199	3.0306	0.0283
ERROR	340880.2043	3159	107.8735		
CSF	72.4694	3	24.1565	0.2238	0.8798
CSR	409.2983	1	409.2983	3.7916	0.0517
CFR	201.6817	3	67.2272	0.6228	0.5999
SFR	120.8523	3	40.2841	0.3732	0.7724
ERROR	340034.0369	3149	107.9474		
CSFR	61.2164	3	20.4055	0.1889	0.9041
ERROR	339972.8205	3146	108.0308		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 97

STEP LISTENING, 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	1110087.1296	3178			
MEAN	893570.7571	1	893570.7571	13115.7109	0.0000
ERROR	216516.3725	3177	68.1298		
CUR	2490.2880	1	2490.2880	37.1068	0.0001
SEX	784.9994	1	784.9994	11.6970	0.0007
F.ED	69.2329	3	23.0776	0.3439	0.7933
RACE	86.3648	1	86.3648	1.2869	0.2569
ERROR	212877.1094	3171	67.1113		
CS	34.0333	1	34.0333	0.5063	0.4771
CF	162.7011	3	54.2337	0.8068	0.4898
CR	5.7465	1	5.7465	0.0855	0.7701
SF	50.1611	3	16.7204	0.2487	0.8623
SR	153.4380	1	153.4380	2.2825	0.1311
FR	53.6196	3	17.8732	0.2659	0.8500
ERROR	212425.2043	3159	67.2232		
CSF	469.3800	3	156.4600	2.3294	0.0725
CSR	16.7540	1	16.7540	0.2494	0.6177
CFR	293.9573	3	97.9858	1.4588	0.2238
SFR	37.2665	3	12.4222	0.1849	0.9067
ERROR	211579.8815	3149	67.1682		
CSFR	48.3836	3	16.1279	0.2399	0.8686
ERROR	211531.4980	3146	67.2169		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 98

STEP LISTENING, 2ND ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	183710.2500	3178			
MEAN	15363.0279	1	15363.0279	290.0176	0.0000
ERROR	168347.2221	3177	52.9727		
CUR	867.1314	1	867.1314	16.7162	0.0001
SEX	8.5687	1	8.5687	0.1652	0.6845
F.ED	1871.3049	3	623.7683	12.0247	0.0000
RACE	13.4388	1	13.4388	0.2591	0.6109
ERROR	164543.7174	3171	51.8738		
CS	30.3783	1	30.3783	0.5860	0.4442
CF	311.3759	3	103.7920	2.0023	0.1115
CR	80.2837	1	80.2837	1.5488	0.2138
SF	291.1023	3	97.0341	1.8719	0.1322
SR	31.1900	1	31.1900	0.6017	0.4381
FR	51.7252	3	17.2417	0.3326	0.8015
ERROR	163806.5436	3159	51.8375		
CSF	40.7996	3	13.5999	0.2624	0.8523
CSR	1.5260	1	1.5260	0.0294	0.8638
CFR	391.9944	3	130.6648	2.5215	0.0561
SFR	144.3755	3	48.1252	0.9287	0.4259
ERROR	163231.0026	3149	51.8194		
CSFR	14.7338	3	4.9113	0.0947	0.9630
ERROR	163216.2688	3146	51.8641		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 99

STEP WRITING, FORM 4B, GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1830	262.42	13.61	225.00	298.00	243.26	252.34	262.47	272.26	279.09
NON-ACADEMIC	1826	251.84	13.17	225.00	291.00	233.03	242.53	251.24	260.32	268.18
MALES	1724	253.80	14.16	225.00	298.00	234.02	243.31	252.96	262.86	272.38
FEMALES	1932	260.12	13.95	225.00	298.00	241.06	250.04	260.07	269.50	278.05
ELEM F.ED.	1051	254.34	13.58	225.00	294.00	234.87	244.71	253.64	262.74	271.07
HS F.ED.	961	256.39	13.79	225.00	298.00	236.78	246.57	255.95	265.84	273.88
COLL F.ED.	1228	262.03	14.11	225.00	298.00	241.81	251.58	262.19	272.38	279.30
D.K.F.ED.	416	251.49	14.37	225.00	291.00	231.56	241.11	250.17	260.36	269.58
BLACK	583	246.99	12.39	225.00	284.00	229.33	237.15	246.60	254.32	261.98
WHITE	3073	259.06	13.94	225.00	298.00	239.71	248.90	258.99	268.53	277.04
NOT IN SAMPLE	5091	251.54	15.18	224.00	298.00	230.44	239.67	250.10	261.67	272.17

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	242.17	12.93	225.00	270.00	225.00	231.00	243.14	245.71	258.80
A	M	ELEM	W	161	256.02	13.15	225.00	291.00	238.70	245.56	256.00	265.07	272.60
A	M	HS	B	30	250.33	13.89	225.00	279.00	228.67	241.33	248.50	259.00	268.00
A	M	HS	W	228	259.38	11.99	225.00	286.00	244.09	249.39	258.31	268.36	275.05
A	M	COLL	B	20	249.40	12.77	225.00	279.00	230.00	239.33	250.00	254.00	262.00
A	M	COLL	W	398	262.65	12.83	225.00	298.00	244.20	253.67	261.81	271.53	277.81
A	M	D.K.	B	16	245.31	12.27	225.00	267.00	228.40	232.67	246.00	254.00	260.80
A	M	D.K.	W	37	259.24	11.92	240.00	282.00	244.27	249.40	256.50	267.00	276.60
A	F	ELEM	B	36	255.72	11.93	227.00	279.00	236.13	250.50	256.00	261.11	269.20
A	F	ELEM	W	146	264.31	12.85	232.00	294.00	245.82	253.45	264.00	274.12	279.80
A	F	HS	B	27	252.48	13.50	225.00	279.00	234.93	243.00	251.00	262.20	265.44
A	F	HS	W	186	266.74	11.55	234.00	298.00	249.73	259.75	267.29	273.92	280.25
A	F	COLL	B	15	260.80	14.14	234.00	284.00	244.00	249.50	260.00	274.33	277.33
A	F	COLL	W	443	268.33	12.25	225.00	294.00	251.17	260.08	268.81	277.44	281.44
A	F	D.K.	B	13	248.23	13.28	227.00	266.00	231.20	235.67	252.00	257.67	263.40
A	F	D.K.	W	56	263.09	13.07	225.00	288.00	247.60	252.67	262.80	274.00	278.93
N	M	ELEM	B	55	242.71	11.33	225.00	269.00	225.67	233.38	240.80	251.50	257.00
N	M	ELEM	W	240	248.38	12.04	225.00	279.00	231.05	239.67	248.88	256.00	262.00
N	M	HS	B	50	243.92	10.17	225.00	265.00	230.00	236.00	243.45	249.67	259.00
N	M	HS	W	171	248.86	11.95	225.00	278.00	231.57	239.69	248.69	257.27	262.45
N	M	COLL	B	21	244.14	11.58	225.00	264.00	228.20	235.67	242.50	253.00	260.53
N	M	COLL	W	141	253.09	13.35	225.00	291.00	235.85	243.08	250.91	262.23	268.97
N	M	D.K.	B	52	240.37	10.65	225.00	269.00	225.47	230.67	240.29	247.00	252.40
N	M	D.K.	W	86	247.15	12.76	225.00	286.00	230.60	236.92	246.80	254.67	262.40
N	F	ELEM	B	87	247.89	11.88	225.00	279.00	229.80	239.22	248.80	253.83	262.30
N	F	ELEM	W	308	257.84	11.33	225.00	286.00	243.36	250.26	257.89	264.54	271.12
N	F	HS	B	56	248.79	11.73	225.00	279.00	232.13	240.00	249.43	256.50	261.60
N	F	HS	W	213	256.45	12.61	227.00	288.00	238.58	247.96	255.67	264.35	272.20
N	F	COLL	B	22	244.55	11.01	229.00	267.00	229.00	233.00	246.00	251.00	257.60
N	F	COLL	W	168	257.63	12.88	225.00	286.00	241.80	248.14	257.69	266.25	274.10
N	F	D.K.	B	65	246.22	10.07	225.00	272.00	231.67	239.29	245.54	251.92	259.20
N	F	D.K.	W	91	256.96	13.99	225.00	291.00	237.10	247.67	257.07	264.83	273.90
TOTAL				3656	257.14	14.40	225.00	298.00	236.85	246.74	256.89	266.93	276.06

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP WRITING, FORM 3B, GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1802	272.60	15.69	236.00	315.00	248.46	260.38	274.98	283.50	290.48
NON-ACADEMIC	1791	258.58	14.58	236.00	304.00	238.58	246.12	257.18	269.72	278.44
MALES	1691	261.90	16.36	236.00	307.00	240.10	247.33	259.94	275.01	283.37
FEMALES	1902	268.91	16.28	236.00	315.00	245.64	256.13	270.50	280.82	287.97
ELEM F.ED.	1022	261.46	15.15	236.00	315.00	241.17	248.14	260.10	273.19	281.22
HS F.ED.	933	264.83	16.24	236.00	312.00	242.37	250.89	264.04	277.29	285.04
COLL F.ED.	1225	272.23	16.11	236.00	312.00	247.71	259.52	275.14	283.55	290.38
D.K.F.ED.	413	257.98	16.10	236.00	312.00	237.23	244.75	254.73	269.35	280.45
BLACK	568	253.06	13.24	236.00	295.00	236.00	242.69	249.54	261.21	272.77
WHITE	3025	267.96	16.21	236.00	315.00	244.76	255.16	269.07	279.95	287.24
NOT IN SAMPLE	4419	258.13	17.34	232.00	318.00	235.12	243.56	254.27	272.47	282.69

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	251.00	11.34	236.00	274.00	236.00	241.00	250.67	258.00	264.80
A	M	ELEM	W	159	264.62	15.25	236.00	304.00	242.45	252.25	264.93	276.08	283.70
A	M	HS	B	29	255.66	14.13	236.00	283.00	236.00	243.25	256.40	265.50	274.80
A	M	HS	W	221	268.14	15.31	236.00	300.00	246.03	255.53	269.85	279.76	285.97
A	M	COLL	B	20	258.60	14.67	236.00	282.00	236.00	248.00	256.00	268.00	278.00
A	M	COLL	W	391	273.59	14.51	236.00	307.00	251.42	263.32	276.17	283.67	289.91
A	M	D.K.	B	16	254.44	13.17	236.00	281.00	237.20	244.00	252.00	260.00	277.60
A	M	D.K.	W	38	267.97	14.70	245.00	295.00	247.80	255.00	267.00	279.60	285.60
A	F	ELEM	B	37	263.19	14.39	236.00	292.00	244.47	248.50	265.00	273.40	281.73
A	F	ELEM	W	136	273.16	15.47	236.00	315.00	249.80	262.00	274.25	284.00	290.27
A	F	HS	B	27	260.41	15.02	236.00	295.00	239.40	247.75	259.00	269.00	280.60
A	F	HS	W	181	278.17	13.08	241.00	312.00	258.58	270.78	278.85	286.81	293.97
A	F	COLL	B	15	264.67	14.62	236.00	286.00	246.00	253.50	265.00	277.00	283.00
A	F	COLL	W	446	279.99	12.71	236.00	312.00	261.49	273.32	280.89	287.42	294.72
A	F	D.K.	B	13	258.62	15.12	241.00	285.00	242.60	245.67	253.00	271.00	282.80
A	F	D.K.	W	55	274.15	16.07	236.00	312.00	247.33	265.00	275.67	284.14	291.00
N	M	ELEM	B	55	247.31	10.23	236.00	275.00	236.00	237.75	245.27	253.29	261.00
N	M	ELEM	W	234	255.62	12.43	236.00	286.00	238.51	245.06	255.23	263.46	272.96
N	M	HS	B	44	247.64	9.95	236.00	272.00	236.00	240.00	245.50	251.43	263.20
N	M	HS	W	169	256.17	13.72	236.00	292.00	236.00	244.28	255.86	265.50	275.03
N	M	COLL	B	20	254.15	12.11	236.00	275.00	236.00	245.00	252.00	264.00	270.00
N	M	COLL	W	140	260.05	15.33	236.00	304.00	239.33	247.08	258.35	273.00	280.44
N	M	D.K.	B	51	245.24	9.29	236.00	281.00	236.00	239.75	243.33	247.15	255.80
N	M	D.K.	W	86	251.17	11.99	236.00	283.00	236.00	240.83	249.78	258.44	267.29
N	F	ELEM	B	84	252.79	10.85	236.00	280.00	239.20	244.95	249.54	259.50	267.60
N	F	ELEM	W	299	264.50	13.46	236.00	295.00	245.31	253.96	264.69	274.89	279.90
N	F	HS	B	53	256.58	14.01	236.00	290.00	236.00	245.80	255.00	267.00	274.69
N	F	HS	W	209	264.33	13.72	236.00	290.00	245.15	252.17	263.37	276.12	281.89
N	F	COLL	B	22	252.77	15.73	236.00	294.00	236.00	237.00	248.00	264.67	271.20
N	F	COLL	W	171	265.72	15.47	236.00	304.00	244.44	253.00	266.00	278.41	285.04
N	F	D.K.	B	64	249.69	10.81	236.00	274.00	236.00	241.00	246.86	257.20	265.60
N	F	D.K.	W	90	264.06	13.91	236.00	300.00	246.67	251.22	263.00	274.25	282.67
TOTAL				3593	265.61	16.69	236.00	315.00	242.47	251.27	265.50	278.47	286.31

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 101

STEP WRITING, FORM 3A, GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1655	285.69	16.59	236.00	335.00	263.34	275.72	285.37	295.72	307.59
NON-ACADEMIC	1754	270.30	16.64	234.00	328.00	246.32	257.83	272.31	281.09	290.71
MALES	1612	273.30	18.31	234.00	331.00	247.46	259.57	274.77	285.09	295.85
FEMALES	1797	281.79	17.35	234.00	335.00	257.98	272.05	281.65	292.80	304.48
ELEM F.ED.	1038	273.78	17.07	234.00	324.00	250.46	261.57	274.91	284.40	294.47
HS F.ED.	914	276.66	17.63	234.00	335.00	251.62	263.93	277.29	287.86	296.78
COLL F.ED.	1058	285.48	17.25	236.00	331.00	262.62	275.69	285.49	295.69	307.52
D.K.F.ED.	399	270.30	18.71	236.00	316.00	243.66	255.86	271.03	281.83	294.95
BLACK	571	263.96	15.54	234.00	324.00	242.34	251.72	263.03	275.37	283.72
WHITE	2838	280.56	17.55	234.00	335.00	255.78	270.57	280.46	291.75	302.97
NOT IN SAMPLE	4696	268.86	18.98	234.00	335.00	243.40	252.85	269.11	281.33	292.87

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	263.72	11.64	236.00	285.00	249.20	256.50	263.33	272.00	276.93
A	M	ELEM	W	160	277.19	16.99	237.00	324.00	252.22	265.33	276.52	288.77	297.67
A	M	HS	B	29	267.48	14.05	236.00	293.00	249.60	256.60	267.50	276.20	290.13
A	M	HS	W	214	280.56	15.70	236.00	328.00	260.93	272.20	279.44	290.11	298.80
A	M	COLL	B	19	268.89	13.17	240.00	291.00	247.80	263.00	272.00	277.40	280.80
A	M	COLL	W	340	287.33	15.07	246.00	331.00	268.86	277.07	286.59	296.52	307.33
A	M	D.K.	B	15	263.60	15.90	236.00	290.00	244.00	249.50	260.00	275.00	284.00
A	M	D.K.	W	36	285.81	11.59	259.00	307.00	271.20	279.71	284.86	292.67	301.20
A	F	ELEM	B	37	277.00	15.74	250.00	324.00	256.70	263.67	276.50	285.80	295.20
A	F	ELEM	W	144	286.98	15.37	240.00	320.00	265.52	277.76	285.64	295.54	309.73
A	F	HS	B	27	273.04	17.04	236.00	297.00	247.40	261.50	275.43	285.00	295.30
A	F	HS	W	173	291.03	13.89	250.00	335.00	275.32	281.14	290.11	297.32	309.12
A	F	COLL	B	14	280.36	13.43	261.00	304.00	261.00	265.00	280.67	288.00	300.40
A	F	COLL	W	364	294.22	13.52	250.00	331.00	276.98	284.33	292.94	304.00	310.96
A	F	D.K.	B	12	275.92	16.04	236.00	293.00	258.80	266.00	278.00	282.00	292.40
A	F	D.K.	W	53	287.94	17.48	236.00	316.00	270.30	277.40	288.00	299.75	309.13
N	M	ELEM	B	55	259.02	13.40	234.00	291.00	240.00	250.38	259.20	267.67	276.00
N	M	ELEM	W	238	265.19	15.58	234.00	313.00	242.48	253.00	265.45	276.80	283.91
N	M	HS	B	49	259.22	12.55	234.00	288.00	243.80	249.13	257.00	267.50	276.34
N	M	HS	W	164	265.90	15.86	234.00	313.00	242.80	254.53	265.27	277.17	283.49
N	M	COLL	B	21	258.52	17.46	236.00	285.00	240.00	243.00	253.00	277.00	283.90
N	M	COLL	W	121	272.37	16.52	236.00	304.00	245.40	262.07	274.95	283.50	291.96
N	M	D.K.	B	51	254.82	13.69	236.00	294.00	238.91	244.50	250.33	263.67	275.20
N	M	D.K.	W	82	263.12	13.60	236.00	300.00	243.60	254.50	263.00	272.80	277.93
N	F	ELEM	B	84	264.76	13.39	234.00	291.00	246.40	256.50	263.54	275.00	281.30
N	F	ELEM	W	302	277.84	13.94	248.00	320.00	257.14	268.62	277.55	286.27	294.89
N	F	HS	B	55	264.82	14.67	234.00	288.00	245.00	253.80	264.33	276.43	284.00
N	F	HS	W	203	278.22	14.23	234.00	313.00	257.02	271.64	278.60	286.42	295.34
N	F	COLL	B	21	264.05	16.89	236.00	307.00	246.13	251.00	263.00	273.00	283.80
N	F	COLL	W	158	280.29	15.25	240.00	328.00	260.24	273.17	280.48	288.63	296.08
N	F	D.K.	B	64	258.94	14.23	236.00	293.00	240.00	245.00	259.78	269.00	277.20
N	F	D.K.	W	86	277.80	15.16	236.00	310.00	258.48	269.00	278.47	286.40	297.40
TOTAL				3409	277.78	18.31	234.00	335.00	251.55	264.59	278.06	289.69	299.98

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 102

STEP WRITING, FORM 2B, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1807	296.81	16.62	247.00	346.00	276.29	285.79	295.38	308.90	317.47
NON-ACADEMIC	1774	279.82	16.12	247.00	329.00	257.40	266.34	280.13	290.41	299.21
MALES	1678	284.12	18.47	247.00	339.00	258.13	270.73	283.66	294.91	308.74
FEMALES	1903	292.16	17.60	247.00	346.00	266.89	280.15	291.70	305.24	314.89
ELEM F.ED.	1028	283.24	16.82	247.00	336.00	259.00	271.31	282.75	293.46	305.69
HS F.ED.	945	287.32	17.73	247.00	342.00	261.59	276.54	287.17	297.30	311.19
COLL F.ED.	1219	296.08	17.32	247.00	346.00	273.79	284.25	295.02	308.99	317.34
D.K.F.ED.	389	280.50	19.06	247.00	332.00	255.97	264.20	279.31	292.60	307.11
BLACK	551	275.02	14.91	247.00	321.00	256.01	262.41	275.55	283.39	293.98
WHITE	3030	290.83	17.98	247.00	346.00	264.48	279.29	290.61	303.98	314.01
NOT IN SAMPLE	3580	282.58	18.44	247.00	339.00	257.31	267.27	281.80	294.26	307.32

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	272.33	16.73	247.00	298.00	250.00	258.00	270.00	282.00	297.60
A	M	ELEM	W	153	287.44	16.73	249.00	336.00	263.44	276.87	288.42	295.35	308.40
A	M	HS	B	29	280.66	16.98	250.00	314.00	255.80	264.50	282.00	291.75	304.40
A	M	HS	W	223	292.20	15.63	247.00	326.00	273.32	282.04	291.03	301.67	313.57
A	M	COLL	B	19	283.58	13.16	252.00	312.00	272.90	275.75	280.67	289.00	304.40
A	M	COLL	W	394	297.51	15.78	247.00	339.00	277.68	287.40	295.51	308.60	315.84
A	M	D.K.	B	16	281.94	12.19	257.00	300.00	262.40	276.00	280.00	291.00	294.80
A	M	D.K.	W	37	293.43	15.48	262.00	323.00	266.80	285.00	293.00	303.00	312.60
A	F	ELEM	B	37	287.03	14.83	255.00	321.00	266.80	278.25	287.00	296.50	305.20
A	F	ELEM	W	145	297.83	15.08	255.00	336.00	278.25	287.30	297.40	308.64	316.75
A	F	HS	B	26	283.31	16.34	250.00	314.00	258.40	276.67	282.67	291.50	305.60
A	F	HS	W	186	301.36	14.55	268.00	342.00	282.24	291.07	299.05	311.57	321.37
A	F	COLL	B	15	292.67	15.51	271.00	318.00	274.00	279.50	289.00	308.50	314.00
A	F	COLL	W	443	304.57	13.88	260.00	346.00	286.07	293.74	305.88	314.33	321.91
A	F	D.K.	B	13	286.54	15.37	262.00	318.00	265.20	277.00	283.33	297.00	299.60
A	F	D.K.	W	53	300.13	16.77	250.00	332.00	279.30	288.25	301.00	311.80	319.60
N	M	ELEM	B	53	265.62	12.44	247.00	296.00	250.00	256.11	263.00	275.50	281.70
N	M	ELEM	W	232	274.81	14.03	247.00	312.00	253.20	262.44	276.77	284.21	291.36
N	M	HS	B	45	268.36	12.58	249.00	298.00	253.00	258.10	265.67	275.86	285.00
N	M	HS	W	170	276.22	14.85	247.00	329.00	257.00	263.60	276.95	283.93	293.67
N	M	COLL	B	21	272.14	10.93	252.00	291.00	257.10	260.50	272.67	278.75	283.80
N	M	COLL	W	139	282.27	16.44	249.00	326.00	259.37	267.83	283.00	292.45	302.07
N	M	D.K.	B	46	268.41	13.86	247.00	310.00	252.60	257.56	265.00	277.20	286.40
N	M	D.K.	W	83	270.30	15.84	247.00	316.00	250.00	257.73	266.44	279.22	290.70
N	F	ELEM	B	83	273.59	11.47	250.00	302.00	258.46	262.79	274.20	281.42	287.76
N	F	ELEM	W	307	286.46	13.80	250.00	321.00	265.63	277.76	286.90	294.62	304.82
N	F	HS	B	55	276.11	12.52	250.00	311.00	258.50	265.57	276.91	283.50	291.00
N	F	HS	W	211	287.12	15.15	247.00	326.00	264.08	279.15	287.28	295.30	306.45
N	F	COLL	B	20	274.30	11.77	255.00	296.00	258.00	264.00	272.00	281.33	288.00
N	F	COLL	W	168	289.10	15.74	247.00	326.00	266.53	278.83	289.40	298.57	309.47
N	F	D.K.	B	55	270.87	12.58	247.00	300.00	250.00	261.75	273.00	279.70	283.75
N	F	D.K.	W	86	284.14	17.53	247.00	323.00	257.07	276.40	283.20	294.44	306.80
TOTAL				3581	288.39	18.45	247.00	346.00	261.34	276.62	288.52	299.67	312.82

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 103

STEP WRITING, FORM 4B, GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	242492455.0000	3655			
MEAN	241734445.9123	1	241734445.9123	1165604.0000	0.0000
ERROR	758009.0877	3654	207.3897		
CUR	60347.4722	1	60347.4722	395.0945	0.0000
SEX	43473.6270	1	43473.6270	284.6216	0.0000
F.ED	8435.3751	3	2811.7917	18.4088	0.0000
RACE	38837.2132	1	38837.2132	254.2670	0.0000
ERROR	557354.8218	3648	152.7418		
CS	0.1928	1	0.1928	0.0013	0.9716
CF	1523.9648	3	507.9883	3.3482	0.0184
CR	1019.9394	1	1019.9394	6.7224	0.0096
SF	1687.5046	3	562.5015	3.7075	0.0112
SR	514.3450	1	514.3450	3.3901	0.0658
FR	409.2953	3	136.4318	0.8992	0.4407
ERROR	551810.8434	3636	151.7215		
CSF	976.9566	3	325.6655	2.1478	0.0922
CSR	490.6374	1	490.6374	3.2358	0.0722
CFR	473.1348	3	157.7116	1.0401	0.3736
SFR	198.6979	3	66.2326	0.4368	0.7267
ERROR	549961.5163	3626	151.6299		
CSFR	706.2145	3	235.4048	1.5532	0.1987
ERROR	549255.3019	3623	151.5606		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP WRITING, FORM 3B, GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	254478236.0000	3592			
MEAN	253477364.2281	1	253477364.2281	909697.1250	0.0000
ERROR	1000871.7719	3591	278.6393		
CUR	103750.9571	1	103750.9571	543.6021	0.0000
SEX	53765.2878	1	53765.2878	281.7026	0.0000
F.ED	17964.4426	3	5988.1475	31.3748	0.0000
RACE	54601.0623	1	54601.0623	286.0815	0.0000
ERROR	684417.4468	3585	190.8583		
CS	46.9513	1	46.9513	0.2478	0.6187
CF	2424.3072	3	808.1024	4.2652	0.0053
CR	1676.4974	1	1676.4974	8.8486	0.0030
SF	1894.8083	3	631.6028	3.3336	0.0187
SR	858.9794	1	858.9794	4.5337	0.0334
FR	139.2218	3	46.4073	0.2449	0.8650
ERROR	677144.5326	3573	189.4642		
CSF	734.2903	3	244.7634	1.2919	0.2754
CSR	169.8611	1	169.8611	0.8965	0.3438
CFR	558.1919	3	186.0640	0.9821	0.4000
SFR	485.9104	3	161.9701	0.8549	0.4637
ERROR	675238.0200	3563	189.4608		
CSFR	843.0146	3	281.0049	1.4838	0.2169
ERROR	674395.0055	3560	189.3837		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 105

STEP WRITING, FORM 3A, GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	26417784C.0000	3408			
MEAN	263035030.2846	1	263035030.2846	784402.6875	0.0000
ERROR	1142809.7154	3407	335.3316		
CUR	122767.1629	1	122767.1629	550.2581	0.0000
SEX	75564.1229	1	75564.1229	338.6880	0.0000
F.ED	20890.0460	3	6963.3487	31.2106	0.0000
RACE	71344.9206	1	71344.9206	319.7771	0.0000
ERROR	759014.0535	3401	223.1083		
CS	534.8466	1	534.8466	2.4190	0.1202
CF	2086.0531	3	695.3510	3.1450	0.0243
CR	734.3305	1	734.3305	3.3213	0.0685
SF	1808.3416	3	602.7805	2.7263	0.0427
SR	1807.4011	1	1807.4011	8.1747	0.0044
FR	1890.6591	3	630.2330	2.8505	0.0361
ERROR	749521.4011	3389	221.0978		
CSF	928.9168	3	309.6389	1.4024	0.2402
CSR	1757.2831	1	1757.2831	7.9590	0.0048
CFR	295.6645	3	98.5548	0.4464	0.7197
SFR	442.6024	3	147.5341	0.6682	0.5712
ERROR	746277.2954	3379	220.7922		
CSFR	962.4592	3	320.8197	1.4536	0.2253
ERROR	745314.8362	3376	220.7033		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 106

STEP WRITING, FORM 2B, GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	299051799.0000	3580			
MEAN	297832922.4882	1	297832922.4882	874773.8750	0.0000
ERROR	1218876.5118	3579	340.4685		
CUR	160472.5406	1	160472.5406	720.1555	0.0000
SEX	70828.3004	1	70828.3004	317.8574	0.0000
F.ED	24274.6580	3	8091.5660	36.3127	0.0000
RACE	55458.8720	1	55458.8720	248.8838	0.0000
ERROR	796395.3246	3573	222.8304		
CS	146.6753	1	146.6753	0.6627	0.4159
CF	2777.8023	3	925.9341	4.1837	0.0058
CR	755.1622	1	755.1622	3.4121	0.0648
SF	2268.0775	3	756.0258	3.4160	0.0167
SR	1464.8887	1	1464.8887	6.6189	0.0103
FR	447.3674	3	149.1225	0.6738	0.5678
ERROR	788338.6385	3561	221.3192		
CSF	718.9185	3	239.6395	1.0828	0.3550
CSR	431.9011	1	431.9011	1.9515	0.1629
CFR	409.9896	3	136.6632	0.6175	0.6033
SFR	817.3324	3	272.4441	1.2310	0.2968
ERROR	786128.9095	3551	221.3202		
CSFR	663.4561	3	221.1520	0.9992	0.3922
ERROR	785465.4534	3548	221.3203		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 107

STEP WRITING, 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1579	278.92	13.98	236.00	314.00	259.49	268.99	280.01	289.13	296.90
NON-ACADEMIC	1663	265.17	13.09	237.50	303.75	247.56	254.88	264.97	274.37	282.72
MALES	1535	267.90	14.88	236.00	312.75	248.30	256.47	267.09	278.47	288.79
FEMALES	1707	275.44	14.54	237.50	314.00	255.64	265.17	275.74	285.88	294.42
ELEM F.ED.	980	268.23	14.08	236.00	312.75	249.59	257.60	267.63	277.83	287.26
HS F.ED.	872	271.13	14.47	238.00	309.25	250.89	260.25	270.89	281.56	290.22
COLL F.ED.	1024	278.33	14.53	238.50	314.00	257.77	268.19	279.59	288.85	296.75
D.K.F.ED.	366	265.28	14.98	238.25	306.50	245.94	253.75	264.11	274.73	286.69
BLACK	523	259.96	12.25	236.00	297.50	244.82	250.20	258.87	267.81	275.67
WHITE	2719	274.16	14.60	238.50	314.00	254.05	263.66	274.21	284.64	293.20
NOT IN SAMPLE	257	263.85	15.56	238.25	306.25	244.64	250.75	261.50	275.72	285.02

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	257.31	11.09	236.00	281.75	245.60	250.00	257.00	265.00	272.80
A	M	ELEM	W	150	271.29	14.03	243.00	312.75	253.00	260.17	270.89	281.00	289.71
A	M	HS	B	27	263.64	13.16	240.25	291.75	243.60	254.33	262.50	271.25	281.20
A	M	HS	W	202	274.84	12.59	239.25	304.00	258.80	265.91	274.29	283.30	291.94
A	M	COLL	B	18	265.18	11.49	245.75	290.50	247.60	259.00	264.80	269.00	282.40
A	M	COLL	W	330	279.66	12.69	239.75	306.75	262.00	270.26	280.67	289.21	296.00
A	M	D.K.	B	15	260.82	11.45	240.25	282.00	245.00	253.50	259.33	268.50	274.00
A	M	D.K.	W	34	275.80	11.39	251.75	297.75	258.80	267.50	276.00	285.00	290.88
A	F	ELEM	B	36	270.84	12.26	248.50	294.25	255.47	261.33	270.67	278.67	288.80
A	F	ELEM	W	131	280.99	13.52	245.75	308.00	261.20	271.10	282.37	290.88	297.95
A	F	HS	B	26	267.44	14.38	238.00	294.00	249.20	257.00	269.00	274.00	285.60
A	F	HS	W	166	283.83	10.99	257.25	309.25	267.85	276.82	283.69	291.26	299.20
A	F	COLL	B	14	275.13	13.72	252.25	297.50	257.60	263.00	272.00	286.00	294.40
A	F	COLL	W	351	286.65	10.92	254.50	314.00	272.16	279.15	286.65	294.53	300.33
A	F	D.K.	B	12	268.23	12.94	244.25	288.50	252.80	260.00	269.00	272.00	287.20
A	F	D.K.	W	49	281.61	14.55	239.50	306.50	263.80	271.57	282.44	292.75	301.47
N	M	ELEM	B	53	253.75	9.52	237.50	275.75	242.30	246.50	251.80	259.87	266.85
N	M	ELEM	W	225	261.09	11.35	238.75	292.00	246.13	251.62	260.81	269.29	275.39
N	M	HS	B	39	254.90	9.26	239.75	277.50	244.84	247.44	251.78	259.57	269.47
N	M	HS	W	162	261.69	11.34	241.00	289.25	246.72	252.67	260.60	269.20	277.03
N	M	COLL	B	20	257.26	11.70	240.00	275.75	244.00	248.00	254.00	269.33	273.33
N	M	COLL	W	119	266.64	13.46	238.50	298.25	249.29	256.18	265.80	276.12	284.88
N	M	D.K.	B	44	252.81	9.11	240.75	285.25	242.93	246.22	250.80	258.00	263.60
N	M	D.K.	W	79	257.99	10.49	239.25	292.00	243.94	249.73	257.50	265.70	271.49
N	F	ELEM	B	78	259.49	9.69	237.50	283.75	246.13	252.60	259.38	265.64	272.27
N	F	ELEM	W	289	271.79	11.09	243.75	303.75	256.38	264.46	271.59	279.29	286.14
N	F	HS	B	51	261.77	11.50	240.75	289.75	244.20	252.88	262.80	269.50	275.90
N	F	HS	W	199	271.56	12.26	239.50	302.50	252.76	263.47	271.78	280.24	287.11
N	F	COLL	B	19	258.07	12.56	241.50	291.00	243.80	246.75	257.00	267.00	270.80
N	F	COLL	W	153	272.59	12.42	244.75	299.25	255.53	264.29	273.00	281.36	287.31
N	F	D.K.	B	53	256.55	9.88	238.25	279.00	242.64	248.17	257.80	263.87	268.93
N	F	D.K.	W	80	271.02	12.13	243.00	298.50	256.40	261.71	271.33	277.71	288.80
TOTAL				3242	271.87	15.17	236.00	314.00	250.94	260.21	271.57	282.92	291.76

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 10

STEP WRITING, 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1579	26.00	8.96	-13.64	65.07	14.83	20.07	25.73	32.14	37.16
NON-ACADEMIC	1663	21.30	9.44	-15.88	64.62	9.46	14.92	21.01	27.48	33.37
MALES	1535	22.73	9.86	-15.88	64.62	10.68	16.28	22.57	29.43	35.19
FEMALES	1707	24.36	9.11	-10.96	65.07	12.72	18.11	24.22	30.50	35.98
ELEM F.ED.	980	22.13	8.95	-15.88	53.89	10.95	16.31	21.94	28.13	33.57
HS F.ED.	872	23.30	9.33	-8.94	64.62	11.58	17.04	23.37	29.70	34.83
COLL F.ED.	1024	25.74	9.48	-10.96	65.07	13.81	19.50	25.55	32.03	37.33
D.K.F.ED.	366	22.15	10.34	-13.64	51.88	9.09	14.91	22.12	29.33	35.58
BLACK	523	21.01	8.88	-3.13	51.88	9.91	14.45	20.56	27.50	32.69
WHITE	2719	24.08	9.55	-15.88	65.07	12.16	17.82	23.94	30.55	36.10
NOT IN SAMPLE	257	23.83	9.37	1.12	55.01	11.56	17.08	23.87	30.51	36.14

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	23.08	10.88	-3.13	49.19	14.10	16.13	22.50	28.00	35.10
A	M	ELEM	W	150	24.19	8.94	-2.46	50.98	12.50	19.18	23.83	30.32	35.00
A	M	HS	B	27	21.52	6.97	4.70	33.76	13.05	16.31	21.38	27.19	30.80
A	M	HS	W	202	24.50	9.83	-8.94	52.10	11.37	17.91	25.37	31.34	35.84
A	M	COLL	B	18	24.86	8.67	8.05	36.67	14.70	18.00	23.50	33.00	36.15
A	M	COLL	W	330	26.36	9.01	-6.71	53.22	15.86	20.11	25.83	32.73	37.89
A	M	D.K.	B	15	25.66	7.41	10.73	36.22	17.00	19.25	24.60	32.25	36.00
A	M	D.K.	W	34	27.37	11.23	-13.64	46.29	16.90	21.38	28.50	35.40	39.90
A	F	ELEM	B	36	24.45	8.85	4.47	44.27	11.70	20.17	24.50	31.93	34.24
A	F	ELEM	W	131	25.82	7.66	8.05	42.26	16.05	20.46	24.91	31.86	36.67
A	F	HS	B	26	23.31	6.79	6.71	30.86	14.40	18.38	25.50	28.71	30.39
A	F	HS	W	166	26.42	8.41	6.48	45.84	16.40	19.82	25.06	33.00	38.85
A	F	COLL	B	14	24.45	7.18	8.94	34.66	14.70	21.00	25.50	28.13	33.90
A	F	COLL	W	351	27.62	8.94	-1.34	65.07	16.20	21.53	27.67	33.18	38.68
A	F	D.K.	B	12	28.83	11.34	11.85	51.88	14.10	19.50	28.50	34.50	42.90
A	F	D.K.	W	49	28.26	7.31	9.39	49.64	18.40	23.89	28.65	33.15	36.41
N	M	ELEM	B	53	17.82	9.57	-0.89	36.22	6.80	10.59	15.86	26.25	30.94
N	M	ELEM	W	225	19.86	8.85	-15.88	53.89	8.81	14.98	19.46	25.04	30.82
N	M	HS	B	39	18.65	8.63	2.68	41.14	8.85	12.54	18.25	23.85	29.60
N	M	HS	W	162	20.51	10.33	-6.71	64.62	8.01	13.75	20.34	26.68	32.55
N	M	COLL	B	20	20.02	6.20	8.72	30.86	12.00	15.00	19.50	24.00	29.50
N	M	COLL	W	119	22.04	10.80	-3.58	49.19	8.31	14.03	21.92	29.04	35.55
N	M	D.K.	B	44	20.73	10.90	-1.34	43.16	8.10	12.64	18.50	31.50	35.40
N	M	D.K.	W	79	18.47	9.52	-6.71	38.24	6.24	11.88	18.00	24.45	32.16
N	F	ELEM	B	78	19.79	8.80	0.67	41.81	8.40	13.31	18.86	25.80	31.65
N	F	ELEM	W	289	22.25	8.49	-2.24	49.64	11.69	16.52	22.09	27.45	33.28
N	F	HS	B	51	20.37	7.19	6.04	37.57	11.33	15.54	19.36	26.17	28.47
N	F	HS	W	199	23.64	8.75	0.00	43.83	11.98	17.72	23.81	29.91	34.34
N	F	COLL	B	19	23.43	6.86	9.84	36.45	14.85	18.25	24.75	28.69	30.82
N	F	COLL	W	153	24.23	10.19	-10.96	50.31	10.99	17.75	24.32	30.85	36.73
N	F	D.K.	B	53	18.33	8.15	3.35	38.24	8.48	11.93	17.67	24.56	29.20
N	F	D.K.	W	80	21.47	10.71	-7.16	51.43	8.00	15.00	21.81	27.50	35.16
TOTAL				3242	23.59	9.51	-15.88	65.07	11.62	17.25	23.56	30.05	35.61

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 109

STEP WRITING, 2ND ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1579	0.16	8.12	-30.00	34.50	-10.11	-4.69	0.07	5.33	10.03
NON-ACADEMIC	1663	1.13	8.43	-34.50	30.50	-9.30	-4.22	0.94	6.53	11.88
MALES	1535	0.87	8.76	-30.00	34.50	-10.13	-4.58	0.66	6.40	11.62
FEMALES	1707	0.48	7.85	-34.50	25.00	-9.32	-4.35	0.38	5.56	10.46
ELEM F.ED.	980	1.12	7.95	-32.50	26.00	-8.60	-4.09	0.90	6.35	11.34
HS F.ED.	872	0.88	8.46	-29.00	34.50	-9.85	-4.25	0.72	6.05	11.05
COLL F.ED.	1024	-0.20	8.45	-34.50	29.00	-10.75	-5.36	-0.16	5.18	10.03
D.K.F.ED.	366	1.34	8.20	-20.00	26.50	-8.93	-3.76	0.77	6.78	12.51
BLACK	523	2.24	7.90	-20.50	26.50	-7.99	-2.77	1.97	7.35	12.31
WHITE	2719	0.36	8.34	-34.50	34.50	-9.99	-4.78	0.24	5.63	10.68
NOT IN SAMPLE	257	2.08	8.00	-18.00	29.00	-8.90	-3.16	2.28	6.77	12.49

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	-0.11	7.50	-13.50	13.00	-11.70	-5.25	0.30	4.00	9.30
A	M	ELEM	W	150	0.88	7.94	-22.00	20.50	-9.00	-3.98	0.92	5.87	10.80
A	M	HS	B	27	3.98	7.92	-8.50	19.50	-4.95	-1.69	4.00	8.25	16.80
A	M	HS	W	202	1.01	9.01	-21.00	34.50	-9.90	-5.00	0.73	6.48	11.85
A	M	COLL	B	18	2.69	7.63	-12.50	20.50	-6.30	-2.25	2.25	7.88	9.90
A	M	COLL	W	330	-0.70	8.81	-30.00	29.00	-11.36	-6.00	-0.87	4.77	9.71
A	M	D.K.	B	15	5.17	8.78	-9.00	26.50	-6.75	0.75	5.40	7.87	15.00
A	M	D.K.	W	34	-0.72	6.67	-16.50	12.50	-8.40	-4.80	-0.64	4.12	6.80
A	F	ELEM	B	36	1.71	9.28	-20.50	18.50	-9.30	-3.90	0.64	7.50	14.90
A	F	ELEM	W	131	1.22	6.90	-21.00	17.00	-6.55	-2.96	1.31	5.64	10.13
A	F	HS	B	26	1.08	8.51	-13.50	18.50	-10.90	-4.13	1.50	6.37	11.10
A	F	HS	W	166	-0.46	7.22	-18.00	22.50	-10.85	-4.58	-0.21	3.98	7.63
A	F	COLL	B	14	4.39	6.31	-11.00	14.00	-1.10	1.00	5.70	8.00	10.10
A	F	COLL	W	351	-0.83	7.81	-24.00	20.00	-10.94	-5.66	-0.83	4.31	9.36
A	F	D.K.	B	12	1.04	6.04	-8.00	11.50	-4.35	-3.00	-0.00	7.50	10.20
A	F	D.K.	W	49	-0.18	7.34	-18.50	15.00	-9.26	-4.42	-0.56	5.25	9.69
N	M	ELEM	B	53	0.90	7.00	-16.00	14.00	-8.52	-3.88	1.05	6.37	9.64
N	M	ELEM	W	225	1.03	8.73	-23.50	26.00	-10.18	-5.14	0.99	6.55	12.11
N	M	HS	B	39	1.99	9.07	-20.00	26.00	-11.32	-2.25	1.75	6.62	10.65
N	M	HS	W	162	1.56	9.76	-29.00	30.50	-11.10	-4.26	1.66	7.94	13.44
N	M	COLL	B	20	1.58	8.72	-13.00	21.50	-9.75	-7.50	0.50	6.75	12.50
N	M	COLL	W	119	0.87	8.58	-28.50	21.50	-9.05	-4.21	0.75	6.87	10.55
N	M	D.K.	B	44	4.18	8.45	-17.50	22.50	-4.30	-1.13	3.90	10.50	13.95
N	M	D.K.	W	79	1.16	9.38	-20.00	22.00	-11.05	-4.97	0.20	6.84	14.76
N	F	ELEM	B	78	1.89	6.96	-12.50	19.00	-6.74	-3.63	0.86	7.33	10.70
N	F	ELEM	W	289	1.09	8.09	-32.50	20.00	-8.52	-4.32	0.69	6.48	11.74
N	F	HS	B	51	1.46	8.00	-17.50	17.50	-9.84	-3.38	1.67	6.32	12.24
N	F	HS	W	199	0.49	7.65	-22.00	25.00	-8.45	-4.18	0.18	5.18	9.92
N	F	COLL	B	19	1.87	9.03	-19.00	20.50	-10.80	-2.25	2.63	6.75	10.80
N	F	COLL	W	153	0.22	8.94	-34.50	23.50	-10.80	-5.42	0.98	5.09	11.23
N	F	D.K.	B	53	3.41	7.29	-14.00	16.00	-5.20	-1.41	3.15	7.87	14.23
N	F	D.K.	W	80	-0.26	7.97	-19.00	15.00	-10.13	-5.00	-0.81	5.17	11.25
TOTAL				3242	0.66	8.29	-34.50	34.50	-9.70	-4.44	0.51	5.95	10.99

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

STEP WRITING, 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	240369572.1250	3241			
MEAN	239622977.9497	1	239622977.9497	1040214.0000	0.0000
ERROR	746594.1753	3240	230.3593		
CUR	99172.9869	1	99172.9869	691.9607	0.0000
SEX	57359.9852	1	57359.9852	400.2183	0.0000
F.ED	13214.4166	3	4404.8055	30.7337	0.0000
RACE	49705.2452	1	49705.2452	346.8088	0.0000
ERROR	463645.4195	3234	143.3217		
CS	3.4058	1	3.4058	0.0240	0.8770
CF	1632.4704	3	544.1568	3.8298	0.0096
CR	823.1028	1	823.1028	5.7931	0.0163
SF	1640.2205	3	546.7402	3.8480	0.0092
SR	1151.8678	1	1151.8678	8.1070	0.0046
FR	196.0042	3	65.3347	0.4598	0.7104
ERROR	457934.7994	3222	142.0835		
CSF	739.2695	3	246.4232	1.7358	0.1575
CSR	675.2984	1	675.2984	4.7568	0.0292
CFR	310.7842	3	103.5947	0.7297	0.5340
SFR	242.8501	3	80.9500	0.5702	0.6344
ERROR	456131.8862	3212	141.9645		
CSFR	627.6290	3	209.2097	1.4743	0.2195
ERROR	455504.2572	3209	141.9017		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 111

STEP WRITING, 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	2096734.9777	3241			
MEAN	1803822.8734	1	1803822.8734	19958.8438	0.0000
ERROR	292912.1044	3240	90.3771		
CUR	12328.6703	1	12328.6703	148.7422	0.0000
SEX	2946.7566	1	2946.7566	35.5518	0.0001
F.ED	1832.3975	3	610.7992	7.3691	0.0001
RACE	1590.6350	1	1590.6350	19.1906	0.0001
ERROR	268136.6196	3234	82.8862		
CS	126.7205	1	126.7205	1.5329	0.2159
CF	1158.0871	3	386.0290	4.6697	0.0031
CR	0.2012	1	0.2012	0.0024	0.9607
SF	125.2654	3	41.7551	0.5051	0.6785
SR	117.7457	1	117.7457	1.4243	0.2330
FR	220.3603	3	73.4534	0.8886	0.4461
ERROR	266434.0406	3222	82.6665		
CSF	14.7730	3	4.9243	0.0594	0.9809
CSR	34.2240	1	34.2240	0.4131	0.5205
CFR	40.1888	3	13.3963	0.1617	0.9220
SFR	135.5595	3	45.1865	0.5455	0.6509
ERROR	266158.3019	3212	82.8380		
CSFR	232.2657	3	77.4219	0.9346	0.4229
ERROR	265926.0362	3209	82.8430		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 112

STEP WRITING, 2ND ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	224395.5000	3241			
MEAN	1416.5475	1	1416.5475	20.5895	0.0001
ERROR	222978.9525	3240	68.7995		
CUR	242.1148	1	242.1148	3.5558	0.0594
SEX	168.3405	1	168.3405	2.4723	0.1162
F.ED	485.2008	3	161.7336	2.3753	0.0683
RACE	1047.0988	1	1047.0988	15.3780	0.0002
ERROR	220273.5351	3234	68.0908		
CS	0.8696	1	0.8696	0.0128	0.9100
CF	87.9089	3	29.3030	0.4310	0.7308
CR	73.9736	1	73.9736	1.0880	0.2973
SF	346.4577	3	115.4859	1.6986	0.1652
SR	11.6010	1	11.6010	0.1706	0.6797
FR	604.2143	3	201.4048	2.9623	0.0311
ERROR	219126.5577	3222	67.9884		
CSF	52.4525	3	17.4842	0.2567	0.8564
CSR	31.0825	1	31.0825	0.4564	0.4994
CFR	141.8289	3	47.2763	0.6941	0.5555
SFR	71.5306	3	23.8435	0.3501	0.7891
ERROR	218832.6489	3212	68.1085		
CSFR	107.5027	3	35.8342	0.5259	0.6643
ERROR	218725.1462	3209	68.1387		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 113

TGI SCALE A (INDUSTRIAL ARTS), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1834	6.66	3.11	0.0	15.00	2.65	4.30	6.50	8.81	11.00
NON-ACADEMIC	1827	4.69	2.59	0.0	14.00	1.59	2.79	4.36	6.29	8.27
MALES	1721	6.33	3.31	0.0	15.00	2.15	3.72	6.05	8.66	11.07
FEMALES	1940	5.09	2.62	0.0	14.00	1.84	3.12	4.84	6.85	8.69
ELEM F.ED.	1049	5.02	2.76	0.0	14.00	1.72	2.87	4.71	6.85	8.82
HS F.ED.	961	5.51	2.91	0.0	15.00	1.98	3.37	5.15	7.27	9.56
COLL F.ED.	1234	6.70	3.11	0.0	15.00	2.74	4.29	6.56	8.88	11.08
D.K.F.ED.	417	4.68	2.80	0.0	14.00	1.26	2.66	4.33	6.31	8.44
BLACK	580	3.40	2.21	0.0	12.00	0.85	1.81	3.02	4.67	6.32
WHITE	3081	6.10	2.97	0.0	15.00	2.51	3.85	5.83	8.05	10.26
NOT IN SAMPLE	5103	5.12	2.95	0.0	15.00	1.64	2.88	4.70	6.99	9.31

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.72	2.40	1.00	10.00	1.10	1.88	3.50	5.00	6.70
A	M	ELEM	W	160	6.68	3.22	0.0	14.00	2.40	4.23	6.68	8.97	10.87
A	M	HS	B	30	4.23	2.94	0.0	12.00	0.90	1.80	3.83	6.12	8.00
A	M	HS	W	228	7.27	3.28	1.00	15.00	2.91	4.71	7.04	9.78	11.98
A	M	COLL	B	20	4.80	2.95	2.00	11.00	2.00	2.21	4.50	7.00	9.50
A	M	COLL	W	397	8.38	3.17	0.0	15.00	3.95	6.06	8.51	10.78	12.43
A	M	D.K.	B	16	3.31	2.02	0.0	7.00	0.30	1.50	3.50	4.50	5.90
A	M	D.K.	W	38	7.63	2.95	1.00	14.00	3.43	5.69	7.50	10.00	11.57
A	F	ELEM	B	36	3.81	2.18	0.0	11.00	1.59	2.36	3.39	5.00	6.10
A	F	ELEM	W	147	5.64	2.59	0.0	12.00	2.09	3.49	5.76	7.37	8.91
A	F	HS	B	26	3.54	2.60	0.0	11.00	0.70	2.00	3.06	4.33	7.20
A	F	HS	W	187	6.13	2.47	1.00	13.00	2.95	4.29	6.03	7.60	9.46
A	F	COLL	B	15	4.07	2.49	0.0	9.00	1.67	2.42	3.38	5.75	8.00
A	F	COLL	W	447	6.46	2.50	0.0	14.00	3.36	4.57	6.40	8.12	9.81
A	F	D.K.	B	13	3.69	2.18	0.0	9.00	0.80	2.81	3.60	4.25	6.20
A	F	D.K.	W	56	5.75	3.03	0.0	14.00	1.82	3.21	5.70	7.75	9.98
N	M	ELEM	B	54	3.48	2.30	0.0	10.00	0.84	1.79	2.95	5.08	6.90
N	M	ELEM	W	239	5.42	2.76	0.0	14.00	2.04	3.18	5.22	7.43	9.11
N	M	HS	B	50	3.80	2.11	0.0	9.00	1.00	2.43	3.72	5.11	6.50
N	M	HS	W	171	5.42	2.60	0.0	14.00	2.24	3.49	5.28	6.94	8.99
N	M	COLL	B	21	3.71	2.37	0.0	10.00	0.87	2.12	3.40	4.94	6.95
N	M	COLL	W	141	6.70	2.87	1.00	14.00	2.92	4.65	6.48	8.80	10.68
N	M	D.K.	B	52	3.02	2.05	0.0	8.00	0.80	1.36	2.50	4.33	5.90
N	M	D.K.	W	86	5.07	2.44	0.0	12.00	2.10	3.53	4.80	6.44	8.40
N	F	ELEM	B	86	3.17	2.01	0.0	9.00	1.01	1.79	2.68	4.25	5.99
N	F	ELEM	W	309	4.56	2.26	0.0	11.00	1.79	2.96	4.31	6.02	7.74
N	F	HS	B	56	2.86	1.60	0.0	6.00	0.78	1.42	2.86	4.08	5.07
N	F	HS	W	213	4.66	2.19	0.0	12.00	1.94	3.13	4.40	6.01	7.89
N	F	COLL	B	22	2.50	2.41	0.0	10.00	0.23	1.00	1.93	3.00	5.40
N	F	COLL	W	171	4.81	2.44	1.00	13.00	1.92	3.06	4.40	6.37	7.99
N	F	D.K.	B	65	2.91	1.74	0.0	8.00	0.69	1.73	2.77	3.85	5.43
N	F	D.K.	W	91	5.01	2.55	0.0	12.00	1.85	3.25	4.71	6.45	8.47
TOTAL				3661	5.68	3.03	0.0	15.00	1.97	3.35	5.34	7.64	9.95

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 114

TGI SCALE A (INDUSTRIAL ARTS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	6.37	2.63	0.0	15.00	3.07	4.54	6.20	8.04	9.92
NON-ACADEMIC	1789	4.95	2.40	0.0	14.00	1.98	3.24	4.77	6.42	8.11
MALES	1682	6.51	2.82	0.0	15.00	2.86	4.51	6.35	8.35	10.34
FEMALES	1911	4.91	2.15	0.0	12.00	2.10	3.41	4.84	6.38	7.76
ELEM F.ED.	1032	5.23	2.45	0.0	13.00	2.21	3.51	5.01	6.80	8.47
HS F.ED.	948	5.61	2.59	0.0	15.00	2.37	3.80	5.37	7.19	9.08
COLL F.ED.	1210	6.36	2.67	0.0	15.00	2.98	4.50	6.13	8.06	10.02
D.K.F.ED.	403	4.82	2.38	0.0	13.00	1.78	3.03	4.66	6.58	7.90
BLACK	561	3.81	2.05	0.0	13.00	1.34	2.26	3.67	5.13	6.44
WHITE	3032	6.00	2.56	0.0	15.00	2.83	4.18	5.79	7.60	9.42
NOT IN SAMPLE	4373	5.04	2.58	0.0	15.00	1.87	3.12	4.79	6.65	8.47

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.78	1.52	1.00	7.00	1.77	2.67	3.83	4.67	5.70
A	M	ELEM	W	155	6.91	2.64	0.0	13.00	3.33	5.37	6.90	8.47	10.38
A	M	HS	B	29	4.55	2.11	2.00	9.00	2.00	2.56	4.37	6.42	7.32
A	M	HS	W	224	7.01	2.72	1.00	15.00	3.72	4.95	6.97	8.77	10.38
A	M	COLL	B	19	4.68	1.97	2.00	11.00	2.45	3.63	4.42	5.56	6.27
A	M	COLL	W	388	8.02	2.70	2.00	15.00	4.69	6.04	7.93	9.90	11.62
A	M	D.K.	B	15	4.80	2.31	2.00	9.00	2.00	2.75	4.25	6.81	7.38
A	M	D.K.	W	38	7.42	2.32	3.00	13.00	4.06	6.00	7.37	8.87	10.30
A	F	ELEM	B	35	4.00	1.93	0.0	9.00	1.13	2.79	4.25	5.22	6.12
A	F	ELEM	W	145	5.26	2.29	1.00	11.00	2.44	3.63	5.08	6.82	8.32
A	F	HS	B	27	4.70	1.90	2.00	10.00	2.18	3.19	4.80	5.96	6.65
A	F	HS	W	185	5.56	2.26	0.0	12.00	2.69	3.99	5.46	7.13	8.47
A	F	COLL	B	15	4.93	1.83	2.00	9.00	2.25	3.75	5.25	6.04	6.42
A	F	COLL	W	443	5.85	2.01	0.0	12.00	3.31	4.43	5.79	7.22	8.43
A	F	D.K.	B	12	4.42	2.68	0.0	9.00	0.70	2.50	4.83	6.50	7.40
A	F	D.K.	W	56	5.54	2.02	1.00	10.00	2.90	4.17	5.50	7.00	8.10
N	M	ELEM	B	54	4.19	2.25	0.0	10.00	1.20	2.60	4.40	5.33	6.80
N	M	ELEM	W	235	6.00	2.50	0.0	13.00	2.84	4.22	5.72	7.75	9.40
N	M	HS	B	46	4.09	1.91	0.0	8.00	1.79	2.56	4.00	5.25	6.98
N	M	HS	W	170	6.42	2.65	0.0	14.00	3.20	4.73	6.14	7.77	10.17
N	M	COLL	B	21	4.90	3.21	0.0	13.00	1.72	2.35	4.33	6.42	8.45
N	M	COLL	W	134	6.51	2.67	1.00	13.00	3.04	4.41	6.36	8.47	9.77
N	M	D.K.	B	51	3.84	1.85	0.0	8.00	1.69	2.39	3.82	5.08	6.28
N	M	D.K.	W	85	5.48	2.33	1.00	13.00	2.43	3.69	5.38	7.27	8.23
N	F	ELEM	B	85	3.29	1.80	0.0	8.00	1.06	1.96	3.08	4.57	5.86
N	F	ELEM	W	305	4.70	1.85	0.0	10.00	2.51	3.43	4.57	5.91	7.26
N	F	HS	B	55	3.25	1.69	0.0	8.00	1.06	1.98	3.15	4.34	5.43
N	F	HS	W	212	4.70	2.01	0.0	10.00	1.98	3.46	4.65	6.05	7.30
N	F	COLL	B	21	2.43	1.29	0.0	5.00	0.78	1.54	2.29	3.44	4.22
N	F	COLL	W	169	4.73	1.95	0.0	11.00	2.13	3.26	4.75	6.07	7.39
N	F	D.K.	B	58	2.72	1.66	0.0	7.00	0.70	1.32	2.70	3.78	4.94
N	F	D.K.	W	88	4.59	1.78	1.00	9.00	2.23	3.23	4.61	5.90	6.97
TOTAL				3593	5.66	2.61	0.0	15.00	2.42	3.81	5.42	7.30	9.16

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 115

TGI SCALE A (INDUSTRIAL ARTS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	6.28	2.56	0.0	14.00	3.00	4.36	6.12	8.08	9.86
NON-ACADEMIC	1765	4.85	2.37	0.0	13.00	1.90	3.05	4.60	6.40	8.22
MALES	1659	6.81	2.48	0.0	14.00	3.47	5.02	6.81	8.62	10.06
FEMALES	1881	4.47	2.10	0.0	13.00	1.86	2.95	4.29	5.78	7.28
ELEM F.ED.	984	5.17	2.39	0.0	13.00	2.26	3.41	4.94	6.66	8.48
HS F.ED.	935	5.50	2.53	0.0	13.00	2.38	3.53	5.26	7.31	9.09
COLL F.ED.	1216	6.18	2.64	0.0	14.00	2.74	4.27	6.05	8.05	9.79
D.K.F.ED.	405	4.81	2.44	0.0	13.00	1.84	2.97	4.41	6.43	8.20
BLACK	572	3.91	2.04	0.0	11.00	1.50	2.45	3.65	5.14	6.74
WHITE	2968	5.88	2.54	0.0	14.00	2.68	3.97	5.70	7.64	9.39
NOT IN SAMPLE	4844	5.06	2.52	0.0	13.00	1.93	3.17	4.78	6.72	8.60

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	4.82	1.85	2.00	8.00	2.64	3.15	4.75	6.42	7.27
A	M	ELEM	W	151	7.23	2.23	3.00	13.00	4.41	5.53	7.19	8.89	10.21
A	M	HS	B	30	5.03	2.22	1.00	11.00	2.50	3.69	4.64	6.25	8.17
A	M	HS	W	219	7.54	2.29	2.00	13.00	4.37	5.95	7.46	9.29	10.57
A	M	COLL	B	20	5.55	2.16	1.00	11.00	3.50	4.25	5.30	6.75	7.50
A	M	COLL	W	393	7.96	2.31	2.00	14.00	4.88	6.35	7.90	9.71	10.93
A	M	D.K.	B	16	5.31	1.92	3.00	9.00	3.00	3.50	5.70	6.50	7.90
A	M	D.K.	W	37	7.84	2.06	3.00	12.00	5.20	6.75	8.00	9.17	10.07
A	F	ELEM	B	36	3.50	1.40	1.00	6.00	1.62	2.59	3.41	4.39	5.60
A	F	ELEM	W	126	4.92	2.01	1.00	11.00	2.53	3.47	4.79	6.13	7.46
A	F	HS	B	27	3.59	1.78	1.00	10.00	1.68	2.58	3.33	4.37	5.32
A	F	HS	W	179	5.10	2.11	0.0	11.00	2.49	3.52	4.96	6.57	8.04
A	F	COLL	B	13	3.85	2.19	0.0	8.00	1.80	2.75	3.40	4.42	7.85
A	F	COLL	W	444	5.45	2.15	0.0	13.00	2.75	3.98	5.28	6.80	8.31
A	F	D.K.	B	12	4.17	2.17	1.00	8.00	1.57	2.17	4.50	5.83	6.43
A	F	D.K.	W	55	4.93	2.14	1.00	11.00	2.62	3.25	4.78	6.22	7.42
N	M	ELEM	B	55	4.62	2.00	1.00	10.00	2.08	3.07	4.62	5.91	7.08
N	M	ELEM	W	220	6.48	2.17	2.00	13.00	3.61	5.00	6.37	7.94	9.50
N	M	HS	B	50	5.14	2.12	1.00	10.00	2.50	3.81	5.04	6.43	8.17
N	M	HS	W	163	6.44	2.24	1.00	11.00	3.16	4.93	6.40	8.27	9.31
N	M	COLL	B	21	5.19	2.40	2.00	10.00	2.03	3.71	4.67	6.94	8.95
N	M	COLL	W	135	6.91	2.31	1.00	13.00	3.35	5.26	7.35	8.59	9.44
N	M	D.K.	B	50	3.88	1.96	0.0	9.00	1.63	2.54	3.50	5.11	6.50
N	M	D.K.	W	82	5.89	2.47	1.00	13.00	2.78	3.91	5.93	7.73	8.66
N	F	ELEM	B	86	3.12	1.57	0.0	8.00	1.10	2.00	3.02	4.06	5.17
N	F	ELEM	W	293	4.17	1.84	0.0	12.00	1.82	2.93	4.10	5.29	6.43
N	F	HS	B	56	3.05	1.59	1.00	8.00	1.30	1.91	2.77	3.87	5.18
N	F	HS	W	211	4.03	1.75	0.0	9.00	1.81	2.84	3.90	5.15	6.39
N	F	COLL	B	20	2.30	1.30	1.00	5.00	1.00	1.21	2.00	3.50	4.25
N	F	COLL	W	170	4.24	2.06	0.0	12.00	1.73	2.67	4.10	5.57	7.00
N	F	D.K.	B	63	2.94	1.61	0.0	7.00	0.87	1.75	2.85	4.02	5.17
N	F	D.K.	W	90	4.32	1.91	0.0	9.00	1.83	2.92	4.18	5.75	6.87
TOTAL				3540	5.56	2.57	0.0	14.00	2.37	3.62	5.34	7.32	9.17

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 116

TGI SCALE A (INDUSTRIAL ARTS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	9.78	2.49	0.0	15.00	6.32	8.22	10.00	11.55	12.90
NON-ACADEMIC	1770	7.93	2.58	0.0	15.00	4.62	6.15	8.02	9.71	11.30
MALES	1676	8.13	2.61	0.0	15.00	4.68	6.32	8.22	10.03	11.39
FEMALES	1894	9.52	2.60	0.0	15.00	5.91	7.84	9.66	11.45	12.78
ELEM F.ED.	1045	8.23	2.60	0.0	15.00	4.86	6.38	8.28	10.12	11.61
HS F.ED.	955	8.69	2.64	0.0	15.00	5.15	6.88	8.84	10.57	12.06
COLL F.ED.	1231	9.85	2.43	2.00	15.00	6.52	8.26	10.06	11.60	12.94
D.K.F.ED.	339	7.76	2.90	0.0	15.00	3.99	5.56	7.79	9.77	11.70
BLACK	548	6.93	2.53	0.0	14.00	3.61	5.31	6.86	8.67	10.28
WHITE	3022	9.22	2.57	0.0	15.00	5.72	7.53	9.34	11.10	12.46
NOT IN SAMPLE	3409	8.12	2.75	0.0	15.00	4.33	6.18	8.28	10.15	11.60

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	6.83	2.23	0.0	11.00	4.30	6.13	7.25	8.00	8.39
A	M	ELEM	W	160	8.39	2.55	1.00	13.00	4.90	6.62	8.43	10.54	11.57
A	M	HS	B	30	6.90	2.45	2.00	12.00	3.75	5.25	6.83	8.62	10.50
A	M	HS	W	228	9.00	2.28	3.00	14.00	5.96	7.67	8.99	10.50	11.94
A	M	COLL	B	20	7.20	1.85	4.00	10.00	4.50	6.00	7.17	8.50	9.83
A	M	COLL	W	397	9.80	2.17	3.00	15.00	6.75	8.48	9.92	11.25	12.59
A	M	D.K.	B	11	6.73	2.83	1.00	11.00	4.55	5.38	6.33	9.62	10.45
A	M	D.K.	W	25	8.80	2.68	3.00	15.00	6.00	6.96	8.80	10.42	12.75
A	F	ELEM	B	37	8.89	2.13	5.00	13.00	5.43	7.54	9.08	10.34	11.36
A	F	ELEM	W	147	9.84	2.39	3.00	14.00	6.34	8.61	10.02	11.51	12.86
A	F	HS	B	26	8.42	2.80	3.00	12.00	4.65	5.75	9.00	10.87	11.85
A	F	HS	W	185	10.38	2.36	4.00	15.00	7.09	8.81	10.61	12.12	13.37
A	F	COLL	B	15	8.67	2.85	4.00	13.00	4.75	6.25	8.75	11.12	12.25
A	F	COLL	W	447	11.13	1.93	4.00	15.00	8.69	9.92	11.24	12.52	13.45
A	F	D.K.	B	12	9.33	2.84	4.00	12.00	4.70	6.50	10.50	11.50	12.00
A	F	D.K.	W	42	10.14	2.61	4.00	14.00	6.60	8.40	10.37	12.14	13.26
N	M	ELEM	B	54	5.89	2.27	1.00	10.00	2.80	4.00	6.00	7.75	8.70
N	M	ELEM	W	236	7.08	2.13	2.00	14.00	4.52	5.62	7.00	8.40	9.93
N	M	HS	B	48	6.10	2.51	0.0	11.00	2.43	4.79	6.14	7.83	9.37
N	M	HS	W	170	7.35	2.35	2.00	12.00	4.25	5.66	7.30	9.22	10.36
N	M	COLL	B	21	6.43	1.99	3.00	10.00	3.55	5.12	6.40	7.87	9.13
N	M	COLL	W	141	8.24	2.29	2.00	13.00	4.96	6.64	8.40	10.06	11.02
N	M	D.K.	B	42	5.50	2.31	2.00	9.00	2.20	3.63	5.28	7.43	8.66
N	M	D.K.	W	75	6.88	2.47	0.0	12.00	3.67	5.23	7.18	8.45	9.80
N	F	ELEM	B	84	6.93	2.45	0.0	13.00	3.98	5.60	6.72	8.50	10.30
N	F	ELEM	W	309	9.01	2.36	1.00	15.00	5.95	7.65	9.08	10.70	12.00
N	F	HS	B	55	6.95	1.99	2.00	11.00	4.33	5.65	7.00	8.43	9.44
N	F	HS	W	213	9.27	2.31	1.00	15.00	6.27	7.90	9.30	10.89	12.15
N	F	COLL	B	21	7.43	2.34	3.00	14.00	5.53	6.31	7.00	7.87	10.40
N	F	COLL	W	169	9.10	2.35	2.00	14.00	6.19	7.43	8.95	10.90	12.34
N	F	D.K.	B	54	6.72	2.50	2.00	13.00	3.58	5.00	6.50	8.42	9.90
N	F	D.K.	W	78	8.81	2.53	4.00	14.00	4.97	7.20	8.97	10.57	12.15
TOTAL				3570	8.87	2.69	0.0	15.00	5.25	7.00	9.01	10.86	12.31

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 117

TGI SCALE A (INDUSTRIAL ARTS), GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	151454.0000	3660			
MEAN	117925.4092	1	117925.4092	12872.7969	0.0000
ERROR	33528.5908	3659	9.1608		
CUR	1554.2958	1	1554.2958	219.7698	0.0000
SEX	1179.4461	1	1179.4461	166.7679	0.0000
F.ED	474.8121	3	158.2707	22.3787	0.0000
RACE	2098.7227	1	2098.7227	296.7490	0.0000
ERROR	25842.4748	3653	7.0724		
CS	10.0552	1	10.0552	1.4434	0.2298
CF	34.1092	3	11.3697	1.6321	0.1798
CR	62.2440	1	62.2440	8.9351	0.0030
SF	158.0227	3	52.6742	7.5614	0.0001
SR	29.9161	1	29.9161	4.2945	0.0383
FR	39.8548	3	13.2849	1.9071	0.1262
ERROR	25370.9544	3641	6.9662		
CSF	30.0262	3	10.0087	1.4362	0.2302
CSR	18.4645	1	18.4645	2.6495	0.1041
CFR	8.1117	3	2.7039	0.3880	0.7613
SFR	11.9827	3	3.9942	0.5732	0.6325
ERROR	25311.0733	3631	6.9689		
CSFR	10.3696	3	3.4565	0.4958	0.6852
ERROR	25300.7037	3628	6.9718		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 11a

TGI SCALE A (INDUSTRIAL ARTS), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	139674.0000	3592			
MEAN	115167.4577	1	115167.4577	16880.4453	0.0000
ERROR	24506.5423	3591	6.8225		
CUR	724.9926	1	724.9926	138.6403	0.0000
SEX	2088.6013	1	2088.6013	399.4031	0.0000
F.ED	191.4820	3	63.8273	12.2057	0.0001
RACE	1428.6422	1	1428.6422	273.1990	0.0000
ERROR	18752.2890	3585	5.2293		
CS	0.1853	1	0.1853	0.0358	0.8500
CF	66.9051	3	22.3017	4.3095	0.0050
CR	1.4505	1	1.4505	0.2803	0.5967
SF	62.3685	3	20.7895	4.0172	0.0073
SR	65.1289	1	65.1289	12.5851	0.0005
FR	4.6086	3	1.5362	0.2968	0.8275
ERROR	18495.6782	3573	5.1751		
CSF	19.1301	3	6.3767	1.2347	0.2954
CSR	57.3555	1	57.3555	11.1055	0.0010
CFR	10.3094	3	3.4365	0.6654	0.5731
SFR	8.7258	3	2.9086	0.5632	0.6390
ERROR	18406.7002	3563	5.1646		
CSFR	15.8178	3	5.2726	1.0209	0.3821
ERROR	18390.8824	3560	5.1645		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 119

TGI SCALE A (INDUSTRIAL ARTS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	132893.0000	3539			
MEAN	109574.2272	1	109574.2272	16629.6484	0.0000
ERROR	23318.7728	3538	6.5891		
CUR	721.5780	1	721.5780	163.5349	0.0000
SEX	4522.0756	1	4522.0756	1024.8606	0.0000
F.ED	108.9566	3	36.3189	8.2311	0.0001
RACE	1117.1743	1	1117.1743	253.1908	0.0000
ERROR	15588.9356	3532	4.4124		
CS	0.0007	1	0.0007	0.0002	0.9899
CF	27.1694	3	9.0565	2.0694	0.1022
CR	18.1452	1	18.1452	4.1461	0.0420
SF	32.6460	3	10.8820	2.4865	0.0589
SR	53.1716	1	53.1716	12.1495	0.0006
FR	7.8575	3	2.6192	0.5985	0.6159
ERROR	15409.4592	3520	4.3764		
CSF	29.6993	3	9.8998	2.2639	0.0790
CSR	10.1420	1	10.1420	2.3193	0.1280
CFR	10.5491	3	3.5164	0.8041	0.4913
SFR	8.0454	3	2.6818	0.6133	0.6062
ERROR	15353.2914	3510	4.3729		
CSFR	3.0879	3	1.0293	0.2352	0.8720
ERROR	15350.2035	3507	4.3758		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 120

TGI SCALE A (INDUSTRIAL ARTS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	306526.0000	3569			
MEAN	280629.8040	1	280629.8040	38676.2344	0.0000
ERROR	25896.1960	3568	7.2559		
CUR	1630.7168	1	1630.7168	310.6353	0.0000
SEX	1981.7205	1	1981.7205	377.4980	0.0000
F.ED	497.6842	3	165.8947	31.6013	0.0000
RACE	1367.7210	1	1367.7210	260.5371	0.0000
ERROR	18704.3747	3562	5.2496		
CS	0.0425	1	0.0425	0.0081	0.9282
CF	49.2311	3	16.4104	3.1370	0.0245
CR	0.0117	1	0.0117	0.0022	0.9623
SF	38.7701	3	12.9234	2.4704	0.0602
SR	13.1639	1	13.1639	2.5164	0.1131
FR	20.9835	3	6.9945	1.3371	0.2605
ERROR	18575.9850	3550	5.2312		
CSF	30.4071	3	10.1357	1.9411	0.1207
CSR	31.7985	1	31.7985	6.0899	0.0136
CFR	18.7460	3	6.2487	1.1967	0.3095
SFR	6.0517	3	2.0172	0.3863	0.7626
ERROR	18489.2971	3540	5.2215		
CSFR	8.9854	3	2.9951	0.5734	0.6325
ERROR	18480.3116	3537	5.2234		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 121 - 1

TGI SCALE B (HOME ARTS), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1834	7.81	2.83	0.0	15.00	3.99	5.78	7.87	9.79	11.54
NON-ACADEMIC	1827	5.88	2.65	0.0	15.00	2.46	3.89	5.81	7.65	9.39
MALES	1721	6.49	2.79	0.0	15.00	2.80	4.50	6.46	8.44	10.10
FEMALES	1940	7.16	2.97	0.0	15.00	3.20	4.96	7.08	9.32	11.22
ELEM F.ED.	1049	6.23	2.78	0.0	14.00	2.69	4.17	6.13	8.15	9.98
HS F.ED.	961	6.70	2.93	0.0	15.00	2.91	4.60	6.57	8.74	10.60
COLL F.ED.	1234	7.85	2.77	0.0	15.00	4.12	5.89	7.91	9.79	11.45
D.K.F.ED.	417	5.75	2.72	0.0	15.00	2.32	3.64	5.73	7.41	9.34
BLACK	580	4.31	2.20	0.0	12.00	1.65	2.68	4.07	5.75	7.37
WHITE	3081	7.32	2.78	0.0	15.00	3.65	5.36	7.25	9.25	11.04
NOT IN SAMPLE	5103	5.93	2.88	0.0	15.00	2.23	3.79	5.74	7.93	9.88

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.94	1.83	1.00	8.00	1.77	2.63	3.75	5.00	6.70
A	M	ELEM	W	160	6.97	2.80	0.0	14.00	3.55	4.83	7.12	8.92	10.50
A	M	HS	B	30	4.57	2.53	0.0	11.00	1.17	3.25	4.28	6.00	8.00
A	M	HS	W	228	7.45	2.77	1.00	15.00	4.03	5.44	7.20	9.31	11.26
A	M	COLL	B	20	5.10	2.36	2.00	9.00	2.50	3.25	4.70	6.50	9.00
A	M	COLL	W	397	8.04	2.51	2.00	15.00	4.77	6.32	8.11	9.61	11.20
A	M	D.K.	B	16	4.38	2.28	1.00	10.00	1.30	3.00	4.00	5.83	6.90
A	M	D.K.	W	38	7.37	1.87	3.00	10.00	4.43	6.38	7.40	8.86	9.74
A	F	ELEM	B	36	5.19	1.74	2.00	9.00	3.02	3.83	5.00	6.50	7.63
A	F	ELEM	W	147	7.78	2.98	0.0	14.00	3.34	5.86	7.76	9.99	11.79
A	F	HS	B	26	5.35	2.56	1.00	11.00	2.77	3.42	4.36	7.62	8.90
A	F	HS	W	187	8.47	2.91	2.00	15.00	4.59	6.40	8.48	10.52	12.45
A	F	COLL	B	15	5.80	2.46	2.00	11.00	2.25	4.25	5.88	7.58	8.33
A	F	COLL	W	447	8.97	2.45	2.00	15.00	5.68	7.11	9.12	10.74	12.17
A	F	D.K.	B	13	5.92	2.81	1.00	12.00	2.80	4.13	5.75	7.37	9.20
A	F	D.K.	W	56	7.86	2.77	2.00	15.00	4.62	6.00	7.75	9.70	11.60
N	M	ELEM	B	54	3.96	2.31	1.00	9.00	1.27	2.09	3.32	5.62	7.42
N	M	ELEM	W	239	5.68	2.32	0.0	12.00	2.74	4.10	5.65	7.26	8.60
N	M	HS	B	50	3.66	1.98	0.0	8.00	1.17	2.29	3.42	4.67	6.75
N	M	HS	W	171	6.04	2.45	0.0	13.00	2.66	4.48	6.10	7.76	9.06
N	M	COLL	B	21	4.43	2.11	1.00	9.00	1.87	2.75	4.25	6.08	7.13
N	M	COLL	W	141	6.77	2.53	1.00	13.00	3.51	4.96	6.91	8.54	10.11
N	M	D.K.	B	52	3.85	1.99	0.0	8.00	1.52	2.30	3.50	5.50	6.70
N	M	D.K.	W	86	5.38	2.10	1.00	11.00	2.72	3.75	5.61	6.87	7.92
N	F	ELEM	B	86	3.93	1.98	0.0	9.00	1.65	2.41	3.89	5.16	6.42
N	F	ELEM	W	309	6.82	2.56	0.0	13.00	3.53	4.94	6.86	8.63	10.20
N	F	HS	B	56	4.39	2.01	1.00	9.00	1.82	2.88	4.25	5.67	7.07
N	F	HS	W	213	6.69	2.57	0.0	13.00	3.25	4.93	6.64	8.70	9.96
N	F	COLL	B	22	4.18	2.54	0.0	11.00	1.70	2.25	3.75	5.75	7.40
N	F	COLL	W	171	6.79	2.75	2.00	15.00	3.20	4.81	6.42	8.51	10.98
N	F	D.K.	B	65	4.06	2.03	0.0	9.00	1.42	2.52	4.00	5.48	6.80
N	F	D.K.	W	91	6.62	2.73	2.00	14.00	3.12	4.66	6.53	8.16	10.28
TOTAL				3661	6.85	2.91	0.0	15.00	2.99	4.72	6.78	8.91	10.72

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 122

TGI SCALE B (HOME ARTS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	7.31	2.35	0.0	15.00	4.27	5.69	7.28	8.94	10.35
NON-ACADEMIC	1789	5.81	2.24	0.0	13.00	2.90	4.24	5.75	7.32	8.82
MALES	1682	6.28	2.33	0.0	14.00	3.19	4.66	6.29	7.89	9.33
FEMALES	1911	6.82	2.46	0.0	15.00	3.67	5.08	6.72	8.52	10.06
ELEM F.ED.	1032	6.21	2.25	0.0	13.00	3.43	4.66	6.10	7.69	9.18
HS F.ED.	948	6.55	2.47	0.0	15.00	3.28	4.82	6.51	8.21	9.91
COLL F.ED.	1210	7.17	2.37	1.00	15.00	4.01	5.52	7.20	8.82	10.20
D.K.F.ED.	403	5.72	2.41	0.0	15.00	2.68	4.02	5.67	7.36	8.90
BLACK	561	4.90	2.22	0.0	13.00	2.03	3.28	4.35	6.33	7.76
WHITE	3032	6.87	2.32	0.0	15.00	3.86	5.21	6.82	8.46	9.94
NOT IN SAMPLE	4373	5.83	2.53	0.0	15.00	2.62	4.01	5.74	7.51	9.19

CLASSIFICATION CURR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	4.67	2.03	2.00	8.00	2.10	3.00	4.25	6.80	7.34
A	M	ELEM	W	155	6.75	2.21	2.00	12.00	4.00	5.20	6.52	8.29	9.75
A	M	HS	B	29	4.72	2.46	1.00	10.00	1.08	2.81	5.12	6.46	7.55
A	M	HS	W	224	7.21	2.21	2.00	14.00	4.39	5.58	7.23	8.64	10.21
A	M	COLL	B	19	5.47	2.14	2.00	11.00	2.80	4.25	5.25	6.62	8.05
A	M	COLL	W	389	7.33	2.10	2.00	14.00	4.62	5.90	7.33	8.76	10.06
A	M	D.K.	B	15	4.73	2.25	1.00	10.00	2.00	3.63	4.25	6.58	7.33
A	M	D.K.	W	38	6.63	1.65	4.00	10.00	4.61	5.43	6.32	7.92	9.05
A	F	ELEM	B	35	6.17	2.38	2.00	13.00	3.13	4.44	6.06	7.56	9.00
A	F	ELEM	W	145	7.43	2.29	2.00	13.00	4.18	5.81	7.52	9.09	10.22
A	F	HS	B	27	5.89	2.61	0.0	10.00	2.35	4.19	5.88	7.35	9.60
A	F	HS	W	185	7.82	2.43	1.00	15.00	4.92	6.14	7.62	9.49	11.13
A	F	COLL	B	15	6.13	2.70	3.00	12.00	3.00	3.25	6.63	7.62	9.00
A	F	COLL	W	443	8.04	2.22	3.00	15.00	5.07	6.39	8.07	9.49	10.94
A	F	D.K.	B	12	5.83	3.30	2.00	12.00	2.10	3.50	5.00	8.00	11.30
A	F	D.K.	W	56	7.38	2.56	2.00	15.00	3.65	5.93	7.50	8.86	10.20
N	M	ELEM	B	54	5.00	2.12	1.00	11.00	2.07	3.73	4.95	6.18	7.82
N	M	ELEM	W	235	5.71	2.03	0.0	11.00	3.00	4.46	5.64	7.16	8.36
N	M	HS	B	46	4.30	2.10	1.00	10.00	2.10	2.82	3.83	5.18	7.90
N	M	HS	W	170	5.85	2.21	1.00	11.00	2.97	4.23	5.81	7.29	8.88
N	M	COLL	B	21	4.57	2.29	1.00	9.00	1.53	2.31	4.80	5.94	7.95
N	M	COLL	W	134	6.19	2.15	1.00	12.00	3.15	4.58	6.53	7.64	8.88
N	M	D.K.	B	51	4.08	2.11	0.0	9.00	1.27	2.58	4.00	5.68	6.88
N	M	D.K.	W	85	5.46	2.11	1.00	10.00	2.85	3.78	5.31	6.96	8.67
N	F	ELEM	B	85	5.07	2.00	0.0	9.00	2.56	3.85	5.05	6.34	7.80
N	F	ELEM	W	305	6.36	2.10	1.00	13.00	3.70	4.89	6.20	7.74	9.12
N	F	HS	B	55	4.91	1.78	1.00	8.00	2.63	3.31	5.14	6.30	7.19
N	F	HS	W	212	6.53	2.25	2.00	12.00	3.60	4.91	6.38	8.10	9.49
N	F	COLL	B	21	3.86	1.62	2.00	7.00	2.00	2.38	3.67	5.19	6.13
N	F	COLL	W	169	6.30	2.34	1.00	12.00	3.26	4.55	6.20	8.03	9.58
N	F	D.K.	B	58	4.48	2.06	0.0	8.00	1.63	3.20	4.67	5.95	7.14
N	F	D.K.	W	88	6.45	2.08	1.00	12.00	3.92	5.00	6.32	7.83	9.30
TOTAL				3593	6.57	2.42	0.0	15.00	3.48	4.88	6.52	8.23	9.73

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 123

TGI SCALE B (HOME ARTS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	8.24	2.55	1.00	15.00	4.80	6.50	8.33	10.12	11.49
NON-ACADEMIC	1765	6.44	2.44	0.0	13.00	3.28	4.73	6.36	8.13	9.70
MALES	1659	6.69	2.51	0.0	14.00	3.44	4.91	6.60	8.39	10.09
FEMALES	1881	7.91	2.64	0.0	15.00	4.37	6.04	8.01	9.89	11.31
ELEM F.ED.	984	6.75	2.47	1.00	14.00	3.55	4.99	6.63	8.48	10.17
HS F.ED.	935	7.10	2.61	0.0	14.00	3.67	5.25	7.08	8.87	10.62
COLL F.ED.	1216	8.27	2.54	1.00	14.00	4.79	6.55	8.42	10.14	11.46
D.K.F.ED.	405	6.52	2.70	0.0	15.00	3.17	4.58	6.42	8.40	10.06
BLACK	572	5.33	2.28	0.0	13.00	2.54	3.83	5.16	6.67	8.43
WHITE	2968	7.73	2.54	1.00	15.00	4.39	5.93	7.75	9.59	11.08
NOT IN SAMPLE	4844	6.36	2.69	0.0	15.00	2.90	4.38	6.24	8.19	10.02

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	5.41	2.69	2.00	11.00	2.35	3.25	5.00	6.87	9.80
A	M	ELEM	W	151	6.87	2.40	1.00	13.00	3.68	5.30	6.95	8.41	9.93
A	M	HS	B	30	4.97	2.06	1.00	9.00	2.50	3.40	4.88	6.33	8.00
A	M	HS	W	219	7.43	2.45	2.00	14.00	4.49	5.70	7.39	8.99	10.64
A	M	COLL	B	20	5.15	1.69	2.00	9.00	2.50	4.25	5.07	6.00	7.50
A	M	COLL	W	393	8.12	2.22	2.00	14.00	5.13	6.62	8.14	9.78	11.02
A	M	D.K.	B	16	5.56	1.90	1.00	8.00	3.65	4.25	5.75	7.00	7.97
A	M	D.K.	W	37	7.78	2.08	5.00	14.00	5.43	6.52	7.29	8.85	10.80
A	F	ELEM	B	36	7.14	2.51	3.00	13.00	3.80	5.50	6.83	8.93	10.70
A	F	ELEM	W	126	8.34	2.61	1.00	14.00	4.74	6.54	8.40	10.48	11.34
A	F	HS	B	27	6.63	3.04	1.00	13.00	2.85	4.42	6.63	9.12	10.32
A	F	HS	W	179	8.94	2.21	2.00	13.00	6.16	7.34	9.02	10.65	11.87
A	F	COLL	B	13	8.08	2.90	4.00	12.00	4.15	5.13	8.13	10.87	11.85
A	F	COLL	W	444	9.59	2.13	2.00	14.00	6.75	8.37	9.76	11.01	12.27
A	F	D.K.	B	12	7.58	2.15	5.00	12.00	5.10	6.00	7.17	8.50	10.40
A	F	D.K.	W	55	9.09	2.39	3.00	15.00	6.13	7.72	9.04	10.75	12.14
N	M	ELEM	B	55	4.93	1.90	1.00	9.00	2.56	3.47	4.89	6.08	7.67
N	M	ELEM	W	220	6.03	2.24	1.00	13.00	3.11	4.55	5.90	7.40	9.03
N	M	HS	B	50	4.54	1.84	0.0	8.00	1.83	3.19	4.88	5.91	6.70
N	M	HS	W	163	6.18	2.33	1.00	13.00	3.02	4.59	6.13	7.89	9.19
N	M	COLL	B	21	4.33	1.77	2.00	9.00	2.03	3.12	4.25	5.25	6.45
N	M	COLL	W	135	6.74	2.30	1.00	13.00	3.65	5.23	6.75	8.15	9.95
N	M	D.K.	B	50	4.08	1.82	0.0	9.00	1.50	3.00	4.27	5.29	6.12
N	M	D.K.	W	82	5.93	2.14	2.00	12.00	3.24	4.20	5.94	7.27	8.76
N	F	ELEM	B	86	5.36	1.92	1.00	10.00	3.02	4.00	5.19	6.69	8.10
N	F	ELEM	W	293	7.32	2.19	1.00	12.00	4.58	5.85	7.30	9.01	10.21
N	F	HS	B	56	5.54	2.06	1.00	10.00	2.80	4.28	5.50	7.00	8.18
N	F	HS	W	211	7.28	2.37	2.00	13.00	4.11	5.69	7.31	8.79	10.49
N	F	COLL	B	20	5.50	2.19	2.00	12.00	3.00	4.00	5.50	6.50	7.50
N	F	COLL	W	170	7.62	2.48	1.00	13.00	4.56	5.92	7.70	9.24	10.90
N	F	D.K.	B	63	4.92	2.23	0.0	10.00	2.15	3.30	4.92	6.42	7.73
N	F	D.K.	W	90	7.46	2.41	1.00	13.00	4.25	5.38	7.75	9.25	10.33
TOTAL				3540	7.34	2.65	0.0	15.00	3.83	5.43	7.32	9.29	10.87

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F ' female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N* (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 124

TGI SCALE B (HOME ARTS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	8.68	2.74	0.0	15.00	5.15	6.75	8.65	10.60	12.40
NON-ACADEMIC	1770	6.63	2.63	0.0	15.00	3.23	4.76	6.58	8.33	10.13
MALES	1676	8.66	2.94	0.0	15.00	4.80	6.62	8.63	10.85	12.62
FEMALES	1894	6.79	2.51	0.0	15.00	3.49	5.00	6.79	8.49	10.07
ELEM F.ED.	1045	6.93	2.60	0.0	15.00	3.58	5.06	6.88	8.64	10.43
HS F.ED.	955	7.62	2.83	0.0	15.00	3.95	5.60	7.55	9.57	11.43
COLL F.ED.	1231	8.66	2.82	1.00	15.00	5.02	6.67	8.58	10.70	12.51
D.K.F.ED.	339	6.44	2.84	0.0	14.00	2.56	4.57	6.36	8.36	10.30
BLACK	548	5.60	2.52	0.0	14.00	2.53	3.84	5.35	7.24	8.96
WHITE	3022	8.04	2.77	0.0	15.00	4.52	6.10	7.93	9.97	11.82
NOT IN SAMPLE	3409	7.19	2.91	0.0	15.00	3.52	5.08	7.06	9.20	11.20

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	7.56	2.71	0.0	11.00	4.90	6.00	7.83	9.67	10.60
A	M	ELEM	W	160	8.57	2.78	2.00	15.00	4.64	6.74	8.76	10.50	12.20
A	M	HS	B	30	7.30	2.96	1.00	14.00	4.00	5.20	6.83	9.25	10.50
A	M	HS	W	228	9.64	2.42	2.00	15.00	6.49	7.94	9.66	11.31	12.92
A	M	COLL	B	20	7.65	2.70	4.00	13.00	4.50	5.90	7.17	8.50	12.83
A	M	COLL	W	397	10.55	2.47	4.00	15.00	6.98	8.83	10.77	12.51	13.65
A	M	D.K.	B	11	6.36	2.29	3.00	10.00	3.60	4.69	5.38	8.25	9.40
A	M	D.K.	W	25	9.36	2.50	5.00	14.00	5.33	7.81	9.38	11.44	12.20
A	F	ELEM	B	37	6.03	1.82	2.00	10.00	3.74	4.54	6.20	7.27	8.32
A	F	ELEM	W	147	7.25	2.47	1.00	14.00	4.24	5.40	7.24	8.91	10.73
A	F	HS	B	26	5.85	2.13	1.00	9.00	3.03	4.58	5.75	7.37	8.85
A	F	HS	W	185	7.86	2.40	1.00	14.00	4.88	6.16	7.90	9.56	10.69
A	F	COLL	B	15	5.87	2.53	2.00	10.00	2.25	3.38	6.00	7.75	9.25
A	F	COLL	W	447	8.21	2.23	2.00	15.00	5.57	6.71	8.16	9.75	11.17
A	F	D.K.	B	12	6.25	2.53	2.00	11.00	3.60	4.50	5.50	8.00	9.30
A	F	D.K.	W	42	7.76	2.47	2.00	13.00	4.74	5.92	7.83	9.71	10.77
N	M	ELEM	B	54	6.06	2.51	1.00	13.00	3.18	4.22	5.67	7.58	9.37
N	M	ELEM	W	236	7.65	2.42	2.00	13.00	4.58	6.05	7.61	9.09	11.05
N	M	HS	B	48	6.65	2.81	0.0	13.00	2.95	4.70	6.64	8.67	10.05
N	M	HS	W	170	7.94	2.72	1.00	14.00	4.41	6.07	7.83	9.84	11.83
N	M	COLL	B	21	6.67	2.69	3.00	12.00	3.20	4.58	6.33	8.42	10.45
N	M	COLL	W	141	8.78	2.58	3.00	15.00	5.39	6.90	8.88	10.60	11.99
N	M	D.K.	B	42	5.48	2.16	1.00	9.00	2.05	4.33	5.72	7.00	8.20
N	M	D.K.	W	75	7.11	3.16	0.0	14.00	2.75	5.07	7.05	9.31	11.25
N	F	ELEM	B	84	4.48	1.82	1.00	8.00	1.93	3.23	4.50	5.71	6.90
N	F	ELEM	W	309	6.28	2.14	1.00	11.00	3.37	4.73	6.34	7.83	9.17
N	F	HS	B	55	4.64	2.15	0.0	10.00	2.25	3.15	4.54	5.87	7.40
N	F	HS	W	213	6.22	2.16	2.00	13.00	3.38	4.66	6.28	7.57	9.11
N	F	COLL	B	21	4.24	2.05	1.00	9.00	2.05	2.88	3.88	5.05	7.95
N	F	COLL	W	169	6.48	2.20	2.00	13.00	3.49	4.93	6.42	8.06	9.21
N	F	D.K.	B	54	4.02	1.84	0.0	8.00	1.74	2.57	4.08	5.21	6.42
N	F	D.K.	W	78	6.37	2.31	1.00	11.00	3.43	4.73	6.68	7.96	9.37
TOTAL				3570	7.67	2.87	0.0	15.00	3.93	5.63	7.67	9.63	11.55

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 125

TGI SCALE B (HOME ARTS), GRADE 5, 1961

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	202578.0000	3660			
MEAN	171566.0645	1	171566.0645	20248.0586	0.0000
ERROR	31011.9355	3659	8.4732		
CUR	1646.4055	1	1646.4055	257.7000	0.0000
SEX	564.7729	1	564.7729	88.3999	0.0000
F.ED	385.8923	3	128.6308	20.1337	0.0000
RACE	2846.1777	1	2846.1777	445.4917	0.0000
ERROR	23344.8256	3653	6.3888		
CS	22.5721	1	22.5721	3.5442	0.0599
CF	46.6194	3	15.5398	2.4400	0.0627
CR	25.4547	1	25.4547	3.9968	0.0459
SF	24.6937	3	8.2312	1.2924	0.2752
SR	16.9331	1	16.9331	2.6588	0.1033
FR	10.6953	3	3.5651	0.5598	0.6415
ERROR	23195.0618	3641	6.3688		
CSF	42.0952	3	14.0317	2.2029	0.0857
CSR	14.1216	1	14.1216	2.2170	0.1369
CFR	1.2514	3	0.4171	0.0655	0.9782
SFR	6.6350	3	2.2117	0.3472	0.7912
ERROR	23134.7623	3631	6.3697		
CSFR	24.0878	3	8.0293	1.2608	0.2861
ERROR	23110.6745	3628	6.3683		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 126

TGI SCALE B (HOME ARTS), GRADE 7, 1963

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	175862.0000	3592			
MEAN	154881.0938	1	154881.0938	26516.1445	0.0000
ERROR	20980.9062	3591	5.8410		
CUR	1178.3717	1	1178.3717	245.0272	0.0000
SEX	342.8016	1	342.8016	71.2812	0.0000
F.ED	86.1288	3	28.7096	5.9698	0.0006
RACE	1135.8014	1	1135.8014	236.1753	0.0000
ERROR	17245.5949	3585	4.8091		
CS	15.0847	1	15.0847	3.1480	0.0762
CF	27.5408	3	9.1803	1.9158	0.1248
CR	12.0519	1	12.0519	2.5151	0.1132
SF	15.7586	3	5.2529	1.0962	0.3493
SR	2.7748	1	2.7748	0.5791	0.4467
FR	37.7148	3	12.5716	2.6236	0.0490
ERROR	17125.8090	3573	4.7918		
CSF	18.9496	3	6.3165	1.3186	0.2665
CSR	21.2939	1	21.2939	4.4450	0.0353
CFR	10.2457	3	3.4152	0.7129	0.5440
SFR	5.9074	3	1.9691	0.4110	0.7451
ERROR	17073.2854	3563	4.7905		
CSFR	2.4255	3	0.8085	0.1687	0.9173
ERROR	17070.8599	3560	4.7938		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 127

TGI SCALE B (HOME ARTS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	215561.0000	3539			
MEAN	190681.3275	1	190681.3275	27123.3867	0.0000
ERROR	24879.6725	3538	7.0301		
CUR	1554.1665	1	1554.1665	301.2212	0.0000
SEX	1535.4633	1	1535.4633	297.5962	0.0000
F.ED	322.3184	3	107.4395	20.8234	0.0000
RACE	1625.8036	1	1625.8036	315.1055	0.0000
ERROR	18228.6879	3532	5.1596		
CS	39.8637	1	39.8637	7.7728	0.0054
CF	69.0592	3	23.0197	4.4885	0.0039
CR	0.7780	1	0.7780	0.1517	0.6971
SF	2.6725	3	0.8908	0.1737	0.9140
SR	1.5218	1	1.5218	0.2967	0.5861
FR	38.4145	3	12.8048	2.4967	0.0581
ERROR	18057.8782	3520	5.1286		
CSF	8.5399	3	2.8466	0.5555	0.6444
CSR	18.2244	1	18.2244	3.5562	0.0595
CFR	17.4013	3	5.8004	1.1318	0.3347
SFR	17.1634	3	5.7211	1.1164	0.3411
ERROR	17992.9594	3510	5.1247		
CSFR	4.8411	3	1.6137	0.3147	0.8146
ERROR	17988.1183	3507	5.1277		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 128

TGI SCALE B (HOME ARTS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	239221.0000	3569			
MEAN	209759.8540	1	209759.8540	25410.8438	0.0000
ERROR	29461.1460	3568	8.2547		
CUR	1699.6424	1	1699.6424	293.7056	0.0000
SEX	2743.5336	1	2743.5336	474.0945	0.0000
F.ED	509.5458	3	169.8486	29.3506	0.0000
RACE	1442.2894	1	1442.2894	249.2339	0.0000
ERROR	20618.6809	3562	5.7869		
CS	0.1730	1	0.1730	0.0302	0.8620
CF	61.9838	3	20.6613	3.6109	0.0128
CR	2.2056	1	2.2056	0.3855	0.5348
SF	157.1854	3	52.3951	9.1568	0.0001
SR	0.5498	1	0.5498	0.0961	0.7567
FR	39.4467	3	13.1489	2.2980	0.0756
ERROR	20318.7287	3550	5.7220		
CSF	1.8377	3	0.6126	0.1070	0.9558
CSR	9.7082	1	9.7082	1.6955	0.1933
CFR	25.0624	3	8.3541	1.4590	0.2238
SFR	1.0127	3	0.3376	0.0590	0.9812
ERROR	20275.3401	3540	5.7259		
CSFR	11.0486	3	3.6829	0.6430	0.5873
ERROR	20264.2915	3537	5.7276		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 129

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1334	7.55	3.11	0.0	15.00	3.40	5.25	7.61	9.88	11.68
NON-ACADEMIC	1827	5.26	2.78	0.0	14.00	1.78	3.14	5.01	7.16	9.09
MALES	1721	6.84	3.35	0.0	15.00	2.53	4.18	6.73	9.41	11.45
FEMALES	1940	6.02	2.94	0.0	14.00	2.14	3.83	5.89	8.09	10.05
ELEM F.ED.	1049	5.63	2.86	0.0	15.00	1.98	3.52	5.36	7.60	9.46
HS F.ED.	961	6.28	3.14	0.0	14.00	2.29	3.82	6.05	8.52	10.64
COLL F.ED.	1234	7.58	3.11	0.0	15.00	3.52	5.35	7.56	9.94	11.72
D.K.F.ED.	417	5.21	3.04	0.0	14.00	1.52	2.83	4.84	7.28	9.52
BLACK	580	3.85	2.33	0.0	13.00	1.08	2.08	3.54	5.28	7.13
WHITE	3081	6.89	3.07	0.0	15.00	2.87	4.62	6.78	9.12	11.09
NOT IN SAMPLE	5103	5.74	3.17	0.0	15.00	1.87	3.27	5.30	7.95	10.27

CLASSIFICATION CUR.	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.56	1.98	1.00	8.00	1.10	2.25	3.30	4.38	6.70
A	M	ELEM	W	160	7.19	3.25	0.0	15.00	2.72	4.78	7.60	9.45	11.30
A	M	HS	B	30	4.73	3.12	1.00	12.00	1.50	2.25	3.88	7.67	9.50
A	M	HS	W	228	8.10	3.21	0.0	14.00	3.77	5.45	8.44	10.64	12.30
A	M	COLL	B	20	5.20	2.46	1.00	10.00	2.00	3.50	5.00	7.00	8.50
A	M	COLL	W	397	9.08	2.89	2.00	15.00	5.08	6.95	9.43	11.24	12.82
A	M	D.K.	B	16	4.19	2.64	0.0	9.00	0.80	2.50	3.83	6.50	7.90
A	M	D.K.	W	38	8.08	2.68	2.00	14.00	4.10	6.33	8.59	9.45	11.30
A	F	ELEM	B	36	4.44	2.13	0.0	8.00	1.65	2.83	4.50	6.10	7.35
A	F	ELEM	W	147	6.50	2.82	0.0	14.00	2.86	4.42	6.62	8.26	10.25
A	F	HS	B	26	4.85	2.69	1.00	10.00	1.02	2.25	5.10	6.87	8.20
A	F	HS	W	187	7.23	2.80	0.0	14.00	3.47	5.24	7.47	9.06	11.02
A	F	COLL	B	15	4.67	2.94	0.0	11.00	1.00	2.38	4.38	6.62	9.00
A	F	COLL	W	447	7.77	2.65	0.0	14.00	4.40	5.88	7.69	9.79	11.24
A	F	D.K.	B	13	4.31	2.69	1.00	9.00	1.00	1.75	4.25	6.25	8.20
A	F	D.K.	W	56	6.71	2.79	1.00	13.00	3.15	4.83	6.30	8.50	10.35
N	M	ELEM	B	54	3.83	2.54	0.0	13.00	1.38	2.13	3.32	4.86	6.80
N	M	ELEM	W	239	5.70	2.72	0.0	13.00	2.21	3.69	5.63	7.60	9.39
N	M	HS	B	50	3.62	1.97	0.0	8.00	1.30	2.15	3.25	5.00	6.70
N	M	HS	W	171	6.06	2.82	0.0	13.00	2.61	3.88	5.92	8.06	9.95
N	M	COLL	B	21	4.10	2.02	1.00	7.00	1.20	2.25	4.33	5.85	6.48
N	M	COLL	W	141	7.03	2.93	0.0	14.00	3.51	4.83	6.85	9.02	11.20
N	M	D.K.	B	52	3.37	2.00	0.0	8.00	0.96	1.83	3.06	4.70	6.45
N	M	D.K.	W	86	5.29	2.79	0.0	12.00	2.22	3.14	4.93	7.00	9.80
N	F	ELEM	B	86	3.51	2.06	0.0	9.00	1.01	1.94	3.30	4.75	6.40
N	F	ELEM	W	309	5.51	2.44	0.0	14.00	2.28	3.83	5.36	7.15	8.67
N	F	HS	B	56	4.05	2.31	0.0	11.00	1.56	2.40	3.79	5.40	6.97
N	F	HS	W	213	5.27	2.60	0.0	14.00	2.01	3.29	5.00	7.12	8.88
N	F	COLL	B	22	2.68	1.99	0.0	8.00	0.54	1.20	2.30	3.87	5.30
N	F	COLL	W	171	5.66	2.75	0.0	13.00	2.01	3.69	5.52	7.70	9.14
N	F	D.K.	B	65	3.20	2.02	0.0	9.00	0.82	1.70	3.00	4.17	6.00
N	F	D.K.	W	91	5.81	3.15	0.0	13.00	1.78	3.22	5.72	7.75	10.47
TOTAL				3661	6.41	3.17	0.0	15.00	2.30	3.98	6.23	8.68	10.78

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 130

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	6.83	2.25	0.0	14.00	3.94	5.26	6.73	8.30	9.82
NON-ACADEMIC	1789	5.45	2.00	0.0	13.00	2.87	4.01	5.35	6.79	8.13
MALES	1682	6.54	2.39	0.0	14.00	3.45	4.76	6.43	8.16	9.71
FEMALES	1911	5.79	2.03	0.0	14.00	3.17	4.45	5.73	7.13	8.44
ELEM F.ED.	1032	5.67	2.01	0.0	14.00	3.09	4.24	5.59	7.00	8.36
HS F.ED.	948	5.97	2.19	0.0	13.00	3.16	4.41	5.91	7.37	8.87
COLL F.ED.	1210	6.86	2.29	1.00	14.00	3.89	5.21	6.80	8.37	9.90
D.K.F.ED.	403	5.58	2.18	0.0	13.00	2.81	4.05	5.48	6.92	8.49
BLACK	561	4.75	1.85	0.0	10.00	2.37	3.41	4.67	6.05	7.24
WHITE	3032	6.40	2.21	0.0	14.00	3.61	4.83	6.29	7.85	9.31
NOT IN SAMPLE	4373	5.58	2.24	0.0	15.00	2.75	3.97	5.47	7.03	8.47

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	4.67	1.28	2.00	6.00	2.40	4.00	4.93	5.60	6.00
A	M	ELEM	W	155	6.65	2.23	2.00	14.00	3.59	4.98	6.69	8.24	9.42
A	M	HS	B	29	5.24	1.86	2.00	8.00	2.47	3.93	5.00	6.75	7.92
A	M	HS	W	224	7.00	2.35	2.00	13.00	3.88	5.55	6.90	8.50	10.16
A	M	COLL	B	19	5.42	1.46	3.00	8.00	3.45	4.61	5.29	6.15	7.87
A	M	COLL	W	388	8.07	2.30	2.00	13.00	5.05	6.50	8.05	9.67	11.19
A	M	D.K.	B	15	4.47	1.73	2.00	7.00	2.00	2.88	4.75	5.95	6.40
A	M	D.K.	W	38	7.16	2.18	3.00	11.00	4.43	5.42	7.17	8.80	10.23
A	F	ELEM	B	35	5.00	1.63	1.00	9.00	2.75	3.97	5.25	6.10	6.67
A	F	ELEM	W	145	5.89	2.00	1.00	11.00	3.20	4.60	5.78	7.24	8.55
A	F	HS	B	27	5.15	2.43	0.0	10.00	1.35	3.42	5.60	6.82	7.40
A	F	HS	W	185	6.69	1.87	2.00	12.00	4.18	5.39	6.68	8.06	9.13
A	F	COLL	B	15	4.47	2.03	1.00	8.00	1.67	2.42	4.67	5.92	7.00
A	F	COLL	W	443	6.82	1.88	3.00	14.00	4.52	5.44	6.76	8.05	9.25
A	F	D.K.	B	12	5.25	2.18	1.00	8.00	1.70	4.00	5.50	7.00	7.45
A	F	D.K.	W	56	6.29	2.03	3.00	11.00	3.82	4.92	6.04	7.17	9.78
N	M	ELEM	B	54	5.13	2.12	0.0	10.00	2.72	3.45	4.93	6.58	8.15
N	M	ELEM	W	235	5.86	2.05	1.00	13.00	3.19	4.34	5.84	7.20	8.48
N	M	HS	B	46	4.50	1.75	1.00	9.00	2.22	3.29	4.33	5.71	6.85
N	M	HS	W	170	5.95	1.95	2.00	12.00	3.54	4.57	5.79	7.21	8.60
N	M	COLL	B	21	5.10	2.05	2.00	9.00	2.72	3.35	4.75	6.44	8.13
N	M	COLL	W	134	6.45	2.16	2.00	12.00	3.43	4.90	6.59	8.10	9.18
N	M	D.K.	B	51	4.67	1.82	1.00	8.00	2.18	3.32	4.56	6.11	7.20
N	M	D.K.	W	85	5.93	2.13	2.00	10.00	3.15	4.16	5.88	7.40	9.08
N	F	ELEM	B	85	4.62	1.74	1.00	10.00	2.53	3.38	4.43	5.77	6.92
N	F	ELEM	W	305	5.45	1.74	1.00	10.00	3.27	4.34	5.38	6.65	7.67
N	F	HS	B	55	4.67	1.89	1.00	10.00	2.40	3.20	4.55	5.96	7.25
N	F	HS	W	212	5.12	1.87	1.00	10.00	2.56	3.85	5.13	6.42	7.40
N	F	COLL	B	21	3.67	1.35	1.00	7.00	2.05	2.78	3.44	4.65	5.28
N	F	COLL	W	169	5.53	1.87	1.00	11.00	3.13	4.13	5.45	6.73	8.15
N	F	D.K.	B	58	4.43	1.80	1.00	8.00	2.10	3.13	4.50	5.57	6.94
N	F	D.K.	W	88	5.63	2.18	0.0	13.00	2.90	4.50	5.50	6.75	8.34
TOTAL				3593	6.14	2.24	0.0	14.00	3.39	4.57	6.03	7.56	9.12

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 131

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	7.82	2.65	0.0	15.00	4.46	5.94	7.69	9.64	11.43
NON-ACADEMIC	1765	5.67	2.40	0.0	15.00	2.62	3.94	5.51	7.29	8.84
MALES	1659	7.49	2.89	0.0	15.00	3.74	5.40	7.34	9.46	11.48
FEMALES	1881	6.10	2.44	0.0	15.00	2.91	4.36	6.04	7.79	9.32
ELEM F.ED.	984	6.02	2.45	0.0	14.00	2.92	4.22	5.92	7.62	9.17
HS F.ED.	935	6.55	2.62	0.0	14.00	3.17	4.65	6.39	8.31	10.16
COLL F.ED.	1216	7.85	2.69	0.0	15.00	4.53	5.96	7.77	9.61	11.54
D.K.F.ED.	405	5.70	2.77	0.0	13.00	2.23	3.72	5.46	7.32	9.81
BLACK	572	4.78	2.30	0.0	13.00	1.95	3.06	4.60	6.25	7.82
WHITE	2968	7.13	2.66	0.0	15.00	3.75	5.21	7.00	8.91	10.79
NOT IN SAMPLE	4844	5.98	2.72	0.0	15.00	2.58	4.02	5.82	7.76	9.69

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	5.76	1.68	2.00	8.00	3.73	4.58	5.88	7.08	7.93
A	M	ELEM	W	151	7.74	2.66	2.00	14.00	4.42	5.86	7.39	9.35	11.41
A	M	HS	B	30	5.60	3.04	2.00	13.00	2.10	3.33	4.50	7.67	9.50
A	M	HS	W	219	8.42	2.54	3.00	14.00	5.06	6.59	8.51	10.19	11.89
A	M	COLL	B	20	6.80	2.50	2.00	13.00	4.50	5.50	6.33	7.83	9.50
A	M	COLL	W	393	9.51	2.52	3.00	15.00	6.24	7.72	9.57	11.42	12.75
A	M	D.K.	B	16	5.63	2.13	2.00	9.00	2.30	4.00	6.00	7.17	8.20
A	M	D.K.	W	37	9.27	2.10	5.00	13.00	5.85	8.06	9.56	10.79	11.82
A	F	ELEM	B	36	5.11	2.29	0.0	10.00	2.37	3.50	4.93	6.50	8.35
A	F	ELEM	W	126	6.60	2.29	1.00	12.00	3.65	4.78	6.45	8.35	9.78
A	F	HS	B	27	5.19	1.86	2.00	8.00	2.40	3.75	5.25	6.82	7.40
A	F	HS	W	179	6.96	2.11	2.00	12.00	4.49	5.52	6.85	8.47	9.76
A	F	COLL	B	13	5.23	1.74	1.00	7.00	2.80	4.58	5.63	6.44	7.00
A	F	COLL	W	444	7.59	2.19	2.00	15.00	4.87	6.05	7.51	9.02	10.49
A	F	D.K.	B	12	5.67	2.10	3.00	11.00	3.57	4.17	5.50	6.50	7.40
A	F	D.K.	W	55	7.13	2.62	1.00	12.00	3.38	5.58	6.96	9.37	10.60
N	M	ELEM	B	55	5.62	2.44	0.0	12.00	2.69	3.75	5.69	7.04	8.67
N	M	ELEM	W	220	6.23	2.16	1.00	13.00	3.42	4.79	6.21	7.66	8.90
N	M	HS	B	50	5.64	2.58	0.0	11.00	2.72	3.60	5.39	7.12	9.50
N	M	HS	W	163	6.44	2.52	0.0	13.00	3.33	4.57	6.42	8.04	9.95
N	M	COLL	B	21	5.00	2.10	2.00	9.00	2.20	3.25	5.00	6.42	7.47
N	M	COLL	W	135	7.37	2.52	1.00	15.00	4.14	5.49	7.59	8.94	10.35
N	M	D.K.	B	50	4.18	1.87	0.0	8.00	1.50	2.92	4.25	5.56	6.39
N	M	D.K.	W	82	6.26	2.74	0.0	13.00	2.87	4.27	6.04	7.92	10.06
N	F	ELEM	B	86	4.02	1.92	0.0	8.00	1.74	2.58	3.78	5.21	7.05
N	F	ELEM	W	293	5.50	2.12	1.00	11.00	2.80	3.96	5.33	7.07	8.45
N	F	HS	B	56	4.13	1.86	1.00	9.00	2.01	2.81	3.88	4.96	6.90
N	F	HS	W	211	5.50	1.99	1.00	12.00	2.82	4.10	5.49	6.83	8.11
N	F	COLL	B	20	3.45	1.88	0.0	8.00	1.00	2.00	3.70	4.70	5.30
N	F	COLL	W	170	6.28	2.19	1.00	12.00	3.50	4.71	6.50	7.86	9.17
N	F	D.K.	B	63	3.65	2.02	0.0	9.00	1.22	2.10	3.37	5.02	6.64
N	F	D.K.	W	90	5.17	2.16	0.0	11.00	2.61	3.75	4.93	6.61	7.83
TOTAL				3540	6.75	2.75	0.0	15.00	3.24	4.77	6.63	8.56	10.50

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 132

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	10.02	2.33	1.00	15.00	6.83	8.54	10.22	11.72	12.93
NON-ACADEMIC	1770	8.13	2.52	0.0	15.00	4.81	6.34	8.21	9.93	11.38
MALES	1676	9.35	2.66	0.0	15.00	5.70	7.64	9.63	11.33	12.57
FEMALES	1894	8.85	2.53	1.00	15.00	5.45	7.08	8.93	10.70	12.15
ELEM F.ED.	1045	8.67	2.55	1.00	15.00	5.17	6.80	8.87	10.46	11.93
HS F.ED.	955	8.99	2.51	2.00	15.00	5.63	7.28	9.10	10.86	12.20
COLL F.ED.	1231	9.87	2.42	1.00	15.00	6.49	8.29	10.03	11.64	12.92
D.K.F.ED.	339	7.78	2.84	0.0	15.00	3.94	5.78	7.89	9.81	11.62
BLACK	548	6.89	2.42	1.00	14.00	3.73	5.23	6.76	8.52	10.16
WHITE	3022	9.48	2.43	0.0	15.00	6.14	7.88	9.62	11.26	12.54
NOT IN SAMPLE	3409	8.37	2.64	0.0	15.00	4.81	6.51	8.49	10.32	11.80

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	7.94	2.41	3.00	12.00	5.30	6.13	7.83	10.00	11.10
A	M	ELEM	W	160	9.95	2.45	3.00	14.00	6.36	8.82	10.27	11.60	12.86
A	M	HS	B	30	7.57	2.73	2.00	12.00	3.50	5.40	8.00	9.60	10.50
A	M	HS	W	228	10.33	2.10	2.00	15.00	7.65	9.06	10.48	11.86	12.80
A	M	COLL	B	20	7.95	2.65	3.00	12.00	3.50	6.25	7.83	9.50	11.83
A	M	COLL	W	397	10.84	2.04	4.00	15.00	8.06	9.50	11.01	12.32	13.37
A	M	D.K.	B	11	7.27	2.49	1.00	11.00	5.55	6.38	7.80	8.35	9.40
A	M	D.K.	W	25	10.16	2.17	5.00	13.00	7.63	8.58	10.38	11.96	12.67
A	F	ELEM	B	37	8.03	2.29	4.00	13.00	5.35	6.25	7.80	9.69	11.27
A	F	ELEM	W	147	9.90	2.30	4.00	14.00	6.47	8.53	10.02	11.52	12.95
A	F	HS	B	20	7.00	2.35	3.00	13.00	4.30	5.56	6.38	8.67	10.20
A	F	HS	W	185	9.86	2.15	3.00	15.00	7.35	8.44	9.86	11.37	12.62
A	F	COLL	B	15	7.87	2.36	3.00	12.00	5.00	6.08	8.25	9.58	10.33
A	F	COLL	W	447	10.14	2.13	5.00	15.00	7.32	8.60	10.25	11.72	12.93
A	F	D.K.	B	12	8.00	1.71	5.00	11.00	5.70	7.00	7.90	8.50	10.40
A	F	D.K.	W	42	9.98	2.42	3.00	15.00	7.53	8.43	10.06	11.43	13.30
N	M	ELEM	B	94	7.19	2.37	3.00	12.00	3.78	5.40	7.28	9.00	10.30
N	M	ELEM	W	436	8.58	2.42	2.00	14.00	5.33	7.00	8.76	10.15	11.79
N	M	HS	B	48	7.10	2.49	2.00	12.00	3.90	5.25	7.07	9.10	10.24
N	M	HS	W	170	8.67	2.32	2.00	14.00	5.95	7.13	8.82	10.53	12.06
N	M	COLL	B	21	6.67	2.31	2.00	11.00	4.05	5.25	6.40	7.45	10.40
N	M	COLL	W	141	9.33	2.40	4.00	15.00	5.88	7.87	9.45	10.91	12.42
N	M	D.K.	B	42	5.79	2.30	1.00	12.00	2.94	4.38	5.50	7.37	8.47
N	M	D.K.	W	75	7.88	3.08	0.0	13.00	3.13	5.96	8.27	10.28	11.58
N	F	ELEM	B	84	6.82	2.32	1.00	12.00	4.35	5.13	6.43	8.50	10.07
N	F	ELEM	W	309	8.37	2.35	2.00	15.00	5.16	6.67	8.47	10.13	11.21
N	F	HS	B	55	6.38	2.00	2.00	10.00	3.58	4.96	6.54	7.72	9.00
N	F	HS	W	213	8.42	2.21	3.00	13.00	5.34	6.86	8.49	9.94	11.40
N	F	COLL	B	21	5.62	3.01	1.00	14.00	1.87	3.58	5.80	7.06	8.95
N	F	COLL	W	169	8.63	2.15	3.00	14.00	5.74	7.10	8.67	10.11	11.39
N	F	D.K.	B	54	5.91	2.00	2.00	10.00	3.30	4.44	5.92	7.43	8.45
N	F	D.K.	W	78	8.14	2.38	2.00	13.00	5.06	6.62	8.10	9.46	11.67
TOTAL				3570	9.08	2.60	0.0	15.00	5.50	7.33	9.25	11.01	12.38

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 133

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	187106.0000	3660			
MEAN	150384.8268	1	150384.8268	14988.8516	0.0000
ERROR	36721.1732	3659	10.0331		
CUR	2235.6199	1	2235.6199	294.5869	0.0000
SEX	445.1945	1	445.1945	58.6632	0.0000
F.ED	621.0670	3	207.0223	27.2793	0.0000
RACE	2598.0422	1	2598.0422	342.3433	0.0000
ERROR	27730.1811	3653	7.5890		
CS	7.9529	1	7.9529	1.0635	0.3028
CF	99.0403	3	33.0134	4.4149	0.0043
CR	63.8296	1	63.8296	8.5360	0.0036
SF	119.9012	3	39.9671	5.3448	0.0012
SR	26.5677	1	26.5677	3.5529	0.0597
FR	48.3873	3	16.1291	2.1570	0.0911
ERROR	27233.7124	3641	7.4777		
CSF	39.1905	3	13.0635	1.7473	0.1552
CSR	23.2896	1	23.2896	3.1151	0.0778
CFR	2.9156	3	0.9719	0.1300	0.9423
SFR	21.2158	3	7.0719	0.9459	0.4174
ERROR	27153.9852	3631	7.4763		
CSFR	21.5365	3	7.1788	0.9602	0.4105
ERROR	27132.4487	3628	7.4766		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 134

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	153465.0000	3592			
MEAN	135478.8909	1	135478.8909	27056.4375	0.0000
ERROR	17986.1091	3591	5.0073		
CUR	817.9478	1	817.9478	198.7460	0.0000
SEX	415.6164	1	415.6164	100.9870	0.0000
F.ED	254.9462	3	84.9821	20.6490	0.0000
RACE	707.9592	1	707.9592	172.0208	0.0000
ERROR	14758.3347	3585	4.1155		
CS	0.0763	1	0.0763	0.0189	0.8907
CF	87.6293	3	29.2098	7.2408	0.0001
CR	43.1460	1	43.1460	10.6955	0.0011
SF	77.5516	3	25.8505	6.4081	0.0003
SR	14.0663	1	14.0663	3.4869	0.0621
FR	45.5822	3	15.1941	3.7665	0.0104
ERROR	14417.6779	3573	4.0340		
CSF	14.6820	3	4.9607	1.2288	0.2976
CSR	6.7889	1	6.7889	1.6817	0.1949
CFR	1.2155	3	0.4052	0.1004	0.9598
SFR	9.4680	3	3.1560	0.7818	0.5037
ERROR	14387.4948	3563	4.0369		
CSFR	21.2636	3	7.0879	1.7569	0.1533
ERROR	14366.2313	3560	4.0343		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 135

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	188062.0000	3539			
MEAN	161358.6516	1	161358.6516	21384.8867	0.0000
ERROR	26703.3484	3538	7.5455		
CUR	1892.4728	1	1892.4728	352.5073	0.0000
SEX	1416.5075	1	1416.5075	263.8501	0.0000
F.ED	590.5826	3	196.8609	36.6689	0.0000
RACE	1294.8240	1	1294.8240	241.1845	0.0000
ERROR	18967.2734	3532	5.3686		
CS	37.7847	1	37.7847	7.1408	0.0077
CF	69.3385	3	23.1128	4.3680	0.0045
CR	44.5592	1	44.5592	8.4211	0.0038
SF	40.6979	3	13.5660	2.5638	0.0531
SR	0.1119	1	0.1119	0.0211	0.8845
FR	78.5184	3	26.1728	4.9463	0.0021
ERROR	18631.0089	3520	5.2914		
CSF	9.6179	3	3.2060	0.6077	0.6098
CSR	45.0105	1	45.0105	8.5317	0.0036
CFR	18.7957	3	6.2652	1.1876	0.3129
SFR	32.7130	3	10.9043	2.0669	0.1025
ERROR	18523.0093	3510	5.2757		
CSFR	2.0428	3	0.6809	0.1290	0.9430
ERROR	18520.9664	3507	5.2796		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 136

TGI SCALE C (PHYSICAL SCIENCE, MATHEMATICS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	318721.0000	3569			
MEAN	294504.1826	1	294504.1826	43403.1016	0.0000
ERROR	24216.8174	3568	6.7853		
CUR	1697.5517	1	1697.5517	327.1982	0.0000
SEX	135.5439	1	135.5439	26.1257	0.0001
F.ED	183.8477	3	61.2826	11.8120	0.0001
RACE	1888.3647	1	1888.3647	363.9768	0.0000
ERROR	18485.3488	3562	5.1881		
CS	1.0017	1	1.0017	0.1944	0.6594
CF	25.6749	3	8.5583	1.6611	0.1733
CR	16.9675	1	16.9675	3.2932	0.0697
SF	67.9251	3	22.6417	4.3945	0.0044
SR	0.2304	1	0.2304	0.0447	0.8327
FR	61.2943	3	20.4314	3.9655	0.0078
ERROR	18295.0877	3550	5.1523		
CSF	2.5571	3	0.8524	0.1652	0.9199
CSR	5.3778	1	5.3778	1.0422	0.3075
CFR	15.2057	3	5.0686	0.9823	0.4001
SFR	1.8869	3	0.6290	0.1219	0.9471
ERROR	18271.9756	3540	5.1601		
CSFR	3.1313	3	1.0438	0.2021	0.8950
ERROR	18268.8442	3537	5.1636		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 137

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1833	8.13	3.16	0.0	15.00	3.80	5.69	8.39	10.52	12.19
NON-ACADEMIC	1827	5.86	2.87	0.0	15.00	2.27	3.73	5.58	7.88	9.85
MALES	1721	7.04	3.23	0.0	15.00	2.82	4.48	7.01	9.44	11.45
FEMALES	1939	6.96	3.22	0.0	15.00	2.79	4.57	6.79	9.42	11.36
ELEM F.ED.	1049	6.22	2.97	0.0	15.00	2.51	4.00	6.01	8.37	10.33
HS F.ED.	961	6.87	3.12	0.0	15.00	2.83	4.44	6.79	9.19	11.15
COLL F.ED.	1233	8.18	3.15	0.0	15.00	3.91	5.72	8.42	10.59	12.23
D.K.F.ED.	417	5.76	3.18	0.0	14.00	1.82	3.34	5.36	7.87	10.46
BLACK	580	4.38	2.48	0.0	13.00	1.48	2.63	4.05	5.76	7.92
WHITE	3080	7.49	3.11	0.0	15.00	3.43	5.11	7.52	9.83	11.67
NOT IN SAMPLE	5103	6.23	3.26	0.0	15.00	2.20	3.71	5.84	8.55	10.95

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	4.44	1.95	1.00	9.00	1.77	3.60	4.50	5.40	6.70
A	M	ELEM	W	160	7.21	3.22	0.0	15.00	2.69	4.70	7.69	9.46	11.23
A	M	HS	B	30	4.97	3.09	1.00	13.00	1.50	2.80	4.17	7.00	9.00
A	M	HS	W	228	8.17	2.96	0.0	14.00	4.10	5.91	8.30	10.35	12.16
A	M	COLL	B	20	5.75	2.29	2.00	11.00	3.50	4.10	5.25	7.50	9.00
A	M	COLL	W	397	9.07	2.98	0.0	15.00	4.74	7.19	9.39	11.31	12.71
A	M	D.K.	B	16	4.63	2.36	1.00	9.00	1.70	2.50	4.50	6.25	7.90
A	M	D.K.	W	38	7.95	3.20	2.00	14.00	3.43	5.20	8.50	10.33	12.14
A	F	ELEM	B	36	5.47	2.65	1.00	13.00	2.62	3.64	5.50	6.50	8.90
A	F	ELEM	W	147	7.45	3.33	0.0	14.00	3.54	4.84	7.14	10.12	11.98
A	F	HS	B	26	5.42	2.59	1.00	11.00	2.30	3.38	5.00	7.33	9.10
A	F	HS	W	187	8.21	3.06	1.00	15.00	3.80	6.06	8.56	10.39	11.99
A	F	COLL	B	15	6.00	2.80	2.00	11.00	2.25	3.75	6.00	8.25	9.25
A	F	COLL	W	446	8.97	2.80	0.0	15.00	5.08	6.92	9.24	11.09	12.44
A	F	D.K.	B	13	5.23	2.31	2.00	10.00	2.15	3.63	5.25	6.42	8.20
A	F	D.K.	W	56	7.77	2.69	1.00	14.00	4.40	5.80	7.50	9.90	11.85
N	M	ELEM	B	54	4.28	2.09	0.0	11.00	1.85	3.00	4.12	5.15	7.03
N	M	ELEM	W	239	6.07	2.68	0.0	13.00	2.59	4.02	6.06	8.09	9.69
N	M	HS	B	50	4.32	1.95	1.00	12.00	2.50	3.00	3.88	5.40	6.83
N	M	HS	W	171	6.41	2.81	0.0	13.00	2.76	4.22	6.26	8.47	10.18
N	M	COLL	B	21	4.52	3.01	0.0	10.00	1.55	2.71	3.67	5.42	9.45
N	M	COLL	W	141	7.00	2.83	1.00	15.00	3.37	4.99	7.00	8.82	10.82
N	M	D.K.	B	52	3.73	2.27	0.0	10.00	1.03	1.94	3.39	5.30	6.77
N	M	D.K.	W	86	5.95	2.66	1.00	13.00	2.45	4.09	5.67	7.57	9.30
N	F	ELEM	B	86	4.14	2.50	0.0	10.00	1.01	2.29	3.81	5.92	7.60
N	F	ELEM	W	309	6.36	2.65	0.0	13.00	3.14	4.46	6.16	8.17	10.17
N	F	HS	B	56	4.45	2.55	0.0	11.00	1.27	2.50	4.25	6.00	7.90
N	F	HS	W	213	6.33	2.77	0.0	13.00	2.79	4.38	6.22	8.23	9.97
N	F	COLL	B	22	2.95	2.32	0.0	11.00	0.57	1.60	2.67	3.75	5.10
N	F	COLL	W	171	6.62	2.78	0.0	14.00	3.21	4.57	6.26	8.52	10.49
N	F	D.K.	B	65	3.38	2.08	0.0	11.00	0.86	1.90	3.27	4.57	5.67
N	F	D.K.	W	91	6.54	3.34	0.0	14.00	2.51	4.25	6.11	8.96	11.11
TOTAL				3660	7.00	3.22	0.0	15.00	2.81	4.53	6.99	9.43	11.40

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 138

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	7.80	2.85	0.0	15.00	4.01	5.74	7.77	9.85	11.67
NON-ACADEMIC	1789	5.66	2.58	0.0	15.00	2.44	3.76	5.49	7.41	9.12
MALES	1682	6.89	2.96	0.0	15.00	3.11	4.67	6.74	8.95	10.97
FEMALES	1911	6.60	2.88	0.0	15.00	2.91	4.45	6.47	8.56	10.56
ELEM F.ED.	1032	6.17	2.64	0.0	15.00	2.84	4.21	6.02	7.97	9.73
HS F.ED.	948	6.57	2.94	0.0	15.00	2.86	4.39	6.42	8.47	10.65
COLL F.ED.	1210	7.68	2.89	0.0	15.00	3.80	5.59	7.68	9.72	11.54
D.K.F.ED.	403	5.73	2.87	0.0	15.00	2.22	3.65	5.35	7.54	9.60
BLACK	561	4.69	2.38	0.0	13.00	1.76	3.01	4.45	6.17	7.93
WHITE	3032	7.11	2.85	0.0	15.00	3.48	5.00	7.01	9.08	11.06
NOT IN SAMPLE	4373	5.79	2.95	0.0	15.00	2.15	3.55	5.51	7.74	9.94

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	5.11	1.57	3.00	8.00	3.40	3.86	4.50	6.63	7.30
A	M	ELEM	W	155	7.67	2.67	2.00	14.00	4.25	5.71	7.52	9.83	11.27
A	M	HS	B	29	5.93	2.67	2.00	12.00	3.13	3.96	5.08	7.75	10.20
A	M	HS	W	224	7.77	2.85	1.00	15.00	3.92	5.80	7.78	9.56	11.67
A	M	COLL	B	19	5.79	2.30	3.00	10.00	3.13	3.94	5.33	7.62	9.55
A	M	COLL	W	388	8.66	2.84	2.00	15.00	4.70	6.63	8.74	10.81	12.33
A	M	D.K.	B	15	4.40	2.41	0.0	9.00	1.90	2.75	4.80	5.75	7.25
A	M	D.K.	W	38	7.55	2.80	2.00	14.00	4.10	5.63	7.36	9.60	11.10
A	F	ELEM	B	35	5.83	2.32	1.00	12.00	3.00	4.29	5.95	7.15	8.37
A	F	ELEM	W	145	7.21	2.80	1.00	15.00	3.69	5.37	7.08	8.96	11.19
A	F	HS	B	27	5.11	2.86	0.0	11.00	1.07	3.08	5.13	7.12	8.80
A	F	HS	W	185	7.98	2.71	2.00	14.00	4.24	6.04	7.83	10.02	11.80
A	F	COLL	B	15	5.93	3.06	2.00	11.00	2.25	3.38	5.25	8.62	10.75
A	F	COLL	W	443	8.13	2.62	1.00	15.00	4.63	6.32	8.16	9.95	11.63
A	F	D.K.	B	12	6.92	3.55	3.00	13.00	3.00	3.25	6.50	9.50	11.30
A	F	D.K.	W	56	7.57	2.92	2.00	15.00	3.70	5.50	7.50	9.37	11.30
N	M	ELEM	B	54	4.59	2.38	0.0	9.00	1.78	2.88	4.50	6.25	8.10
N	M	ELEM	W	255	5.84	2.40	0.0	12.00	2.54	4.10	5.84	7.63	8.91
N	M	HS	B	46	4.39	2.01	0.0	10.00	1.70	3.00	4.50	5.78	6.63
N	M	HS	W	170	6.23	2.74	1.00	15.00	2.87	4.27	6.00	7.92	9.83
N	M	COLL	B	21	5.38	2.62	2.00	11.00	2.20	3.55	5.00	6.94	8.40
N	M	COLL	W	134	6.65	2.43	0.0	12.00	3.32	4.89	6.82	8.65	9.56
N	M	D.K.	B	51	3.94	1.97	0.0	8.00	1.32	2.34	3.95	5.41	6.49
N	M	D.K.	W	85	5.54	2.66	1.00	14.00	2.42	3.75	5.22	7.27	9.00
N	F	ELEM	B	85	4.62	2.00	1.00	9.00	2.00	3.18	4.62	5.89	7.27
N	F	ELEM	W	305	5.99	2.48	0.0	13.00	2.85	4.07	5.83	7.79	9.35
N	F	HS	B	55	4.04	2.39	0.0	11.00	1.20	2.55	3.55	5.21	7.62
N	F	HS	W	212	5.76	2.55	0.0	13.00	2.44	3.96	5.71	7.34	9.22
N	F	COLL	B	21	3.19	2.23	0.0	9.00	0.87	1.75	2.71	3.46	6.45
N	F	COLL	W	169	6.28	2.60	1.00	14.00	2.93	4.46	6.12	7.87	9.89
N	F	D.K.	B	58	4.00	1.80	0.0	9.00	1.63	2.85	4.00	5.09	6.10
N	F	D.K.	W	83	6.10	2.75	0.0	13.00	2.61	4.08	5.90	8.00	9.70
TOTAL				3593	6.74	2.92	0.0	15.00	2.99	4.55	6.84	8.74	10.77

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 139

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	8.69	2.30	2.00	15.00	5.68	7.15	8.71	10.33	11.71
NON-ACADEMIC	1765	6.90	2.41	0.0	14.00	3.78	5.21	6.92	8.53	10.08
MALES	1659	7.98	2.54	0.0	14.00	4.61	6.22	8.07	9.82	11.31
FEMALES	1881	7.63	2.50	0.0	15.00	4.45	5.92	7.67	9.34	10.91
ELEM F.ED.	984	7.33	2.45	0.0	14.00	4.14	5.61	7.42	9.01	10.50
HS F.ED.	935	7.68	2.45	0.0	14.00	4.54	6.02	7.76	9.35	10.82
COLL F.ED.	1216	8.62	2.36	1.00	15.00	5.57	7.04	8.65	10.34	11.60
D.K.F.ED.	405	6.70	2.60	0.0	14.00	3.41	4.91	6.59	8.59	10.18
BLACK	572	5.69	2.24	0.0	13.00	2.67	4.20	5.65	7.17	8.53
WHITE	2968	8.20	2.37	1.00	15.00	5.07	6.60	8.22	9.87	11.30
NOT IN SAMPLE	4844	6.80	2.65	0.0	15.00	3.33	4.91	6.79	8.62	10.34

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	6.71	2.05	3.00	10.00	3.85	5.13	7.00	8.13	9.65
A	M	ELEM	W	151	8.44	2.41	3.00	13.00	5.11	6.84	8.59	10.12	11.71
A	M	HS	B	30	6.13	2.30	3.00	12.00	3.10	4.67	6.00	7.12	9.50
A	M	HS	W	219	8.95	2.09	3.00	14.00	6.28	7.69	8.91	10.30	11.82
A	M	COLL	B	20	6.75	2.34	2.00	11.00	3.50	5.17	6.83	8.50	9.50
A	M	COLL	W	393	9.38	2.10	2.00	14.00	6.74	8.02	9.35	10.92	12.10
A	M	D.K.	B	16	6.06	1.24	3.00	8.00	4.70	5.50	6.07	6.83	7.70
A	M	D.K.	W	37	8.65	2.00	4.00	13.00	6.18	6.97	8.89	10.12	11.16
A	F	ELEM	B	36	6.44	2.13	3.00	12.00	3.90	5.10	6.08	7.50	9.70
A	F	ELEM	W	126	8.43	2.52	2.00	14.00	4.90	6.55	8.55	10.22	11.74
A	F	HS	B	27	6.04	1.93	2.00	9.00	3.07	4.85	6.20	7.37	8.60
A	F	HS	W	179	8.66	2.08	4.00	14.00	5.88	7.28	8.63	9.91	11.67
A	F	COLL	B	13	6.92	2.43	2.00	11.00	3.80	5.63	7.00	8.37	10.20
A	F	COLL	W	446	9.02	2.14	3.00	15.00	6.29	7.45	8.99	10.63	11.72
A	F	D.K.	B	12	6.83	1.99	3.00	9.00	4.57	5.17	7.50	8.50	9.00
A	F	D.K.	W	55	8.42	2.10	4.00	14.00	5.92	6.90	8.22	9.75	11.25
N	M	ELEM	B	55	6.07	2.05	2.00	10.00	3.38	4.70	5.86	7.64	8.75
N	M	ELEM	W	220	7.33	2.25	2.00	12.00	4.54	5.74	7.34	8.89	10.36
N	M	HS	B	50	6.04	2.54	1.00	13.00	2.30	4.56	6.17	7.37	9.50
N	M	HS	W	163	7.46	2.38	2.00	14.00	4.23	5.89	7.58	9.09	10.38
N	M	COLL	B	21	5.90	2.17	1.00	9.00	3.05	4.56	6.00	7.44	8.80
N	M	COLL	W	135	7.97	2.30	3.00	14.00	5.00	6.22	7.82	9.80	11.00
N	M	D.K.	B	50	4.46	1.92	0.0	8.00	1.83	3.00	4.42	6.06	7.00
N	M	D.K.	W	82	7.12	2.64	2.00	13.00	3.67	5.22	6.90	9.33	10.40
N	F	ELEM	B	80	5.57	2.31	0.0	12.00	2.60	4.08	5.50	7.04	8.70
N	F	ELEM	W	293	7.18	2.26	1.00	13.00	4.14	5.74	7.37	8.64	9.94
N	F	HS	B	56	5.11	2.09	0.0	10.00	2.40	3.77	4.96	6.75	7.90
N	F	HS	W	211	7.22	2.08	1.00	12.00	4.63	5.66	7.20	8.70	10.04
N	F	COLL	B	20	5.50	2.04	2.00	10.00	2.50	4.25	5.30	6.50	8.50
N	F	COLL	W	170	7.39	2.28	1.00	13.00	4.55	5.84	7.50	8.98	10.31
N	F	D.K.	B	63	4.73	2.14	1.00	10.00	1.72	3.29	4.77	6.12	7.45
N	F	D.K.	W	90	7.19	2.17	3.00	13.00	4.50	5.59	7.00	8.73	10.12
TOTAL				3540	7.80	2.52	0.0	15.00	4.53	6.05	7.86	9.56	11.11

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 140

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	9.22	2.98	0.0	15.00	5.10	7.18	9.51	11.46	13.01
NON-ACADEMIC	1769	6.59	2.81	0.0	15.00	3.00	4.51	6.47	8.57	10.36
MALES	1676	7.92	3.18	0.0	15.00	3.61	5.57	8.00	10.32	12.09
FEMALES	1893	7.92	3.18	0.0	15.00	3.77	5.55	7.81	10.31	12.29
ELEM F.ED.	1045	6.90	2.88	0.0	15.00	3.29	4.72	6.72	8.96	10.91
HS F.ED.	954	7.76	3.02	0.0	15.00	3.74	5.63	7.70	9.94	11.77
COLL F.ED.	1231	9.34	2.93	1.00	15.00	5.28	7.35	9.59	11.54	13.06
D.K.F.ED.	339	6.37	3.32	0.0	15.00	2.23	3.87	6.00	8.67	11.26
BLACK	547	5.22	2.61	0.0	14.00	1.95	3.30	5.02	6.92	8.83
WHITE	3022	8.41	3.03	0.0	15.00	4.27	6.20	8.42	10.68	12.40
NOT IN SAMPLE	3410	7.07	3.09	0.0	15.00	3.10	4.74	6.88	9.30	11.30

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	5.61	2.40	0.0	10.00	2.90	4.25	5.79	6.43	9.60
A	M	ELEM	W	160	8.21	3.10	0.0	15.00	4.30	5.87	8.41	10.61	12.00
A	M	HS	B	30	6.00	3.28	1.00	13.00	1.83	3.60	5.50	8.33	10.83
A	M	HS	W	228	9.10	2.71	1.00	15.00	5.65	7.08	9.15	11.14	12.65
A	M	COLL	B	20	6.85	2.23	3.00	12.00	4.00	5.17	6.93	7.83	9.50
A	M	COLL	W	397	10.05	2.56	2.00	15.00	6.69	8.28	10.26	11.94	13.24
A	M	D.K.	B	11	5.55	2.30	3.00	10.00	3.52	3.85	4.40	6.75	9.40
A	M	D.K.	W	25	9.04	2.84	3.00	14.00	5.75	7.06	9.00	11.65	12.40
A	F	ELEM	B	37	6.22	2.72	2.00	11.00	2.43	3.96	6.58	8.12	10.15
A	F	ELEM	W	147	8.65	2.86	2.00	14.00	4.84	6.49	8.68	10.96	12.44
A	F	HS	B	26	5.81	2.79	0.0	11.00	1.90	3.75	6.50	7.80	8.90
A	F	HS	W	185	9.20	2.94	3.00	15.00	5.25	6.95	9.37	11.25	13.27
A	F	COLL	B	15	7.47	3.20	1.00	14.00	4.00	5.75	7.00	9.25	12.00
A	F	COLL	W	447	10.27	2.57	2.00	15.00	6.93	8.51	10.51	12.20	13.49
A	F	D.K.	B	12	6.83	2.55	2.00	10.00	3.70	5.50	6.50	9.50	10.00
A	F	D.K.	W	42	9.02	3.37	2.00	15.00	4.23	6.75	9.00	11.92	13.06
N	M	ELEM	B	54	5.07	2.55	1.00	11.00	1.85	3.29	4.86	6.31	9.03
N	M	ELEM	W	236	6.50	2.62	1.00	14.00	3.32	4.47	6.22	8.53	9.96
N	M	HS	B	48	5.54	2.65	0.0	11.00	1.95	3.50	5.50	7.21	9.30
N	M	HS	W	170	7.18	2.70	0.0	14.00	3.60	5.18	7.26	9.21	10.50
N	M	COLL	B	21	4.95	3.12	1.00	13.00	1.20	2.25	5.00	6.75	8.40
N	M	COLL	W	141	8.28	2.62	1.00	14.00	4.78	6.65	8.30	10.20	11.44
N	M	D.K.	B	42	3.71	2.11	1.00	10.00	1.52	2.15	3.28	4.86	6.40
N	M	D.K.	W	75	6.16	3.07	0.0	13.00	2.33	3.97	6.12	8.19	10.29
N	F	ELEM	B	84	4.58	1.99	0.0	9.00	2.18	3.23	4.61	5.88	7.16
N	F	ELEM	W	309	6.79	2.46	1.00	14.00	3.59	4.95	6.79	8.40	10.11
N	F	HS	B	54	4.94	2.23	0.0	9.00	2.07	3.05	5.00	6.71	8.02
N	F	HS	W	213	7.26	2.53	2.00	15.00	3.94	5.47	7.18	9.08	10.49
N	F	COLL	B	21	5.10	2.74	1.00	14.00	2.53	3.31	4.63	6.79	7.32
N	F	COLL	W	169	7.59	2.77	2.00	15.00	4.14	5.57	7.33	9.62	11.44
N	F	D.K.	B	54	4.52	2.35	0.0	10.00	1.68	2.80	4.21	6.14	7.80
N	F	D.K.	W	78	7.03	3.17	1.00	15.00	3.64	4.55	6.50	9.29	11.74
TOTAL				3569	7.92	3.18	0.0	15.00	3.70	5.56	7.90	10.31	12.19

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 141

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	217262.0000	3659			
MEAN	179227.8716	1	179227.8716	17242.2617	0.0000
ERROR	38034.1284	3658	10.3947		
CUR	2223.4726	1	2223.4726	276.6543	0.0000
SEX	1.5093	1	1.5093	0.1878	0.6648
F.ED	641.4773	3	213.8258	26.6051	0.0000
RACE	2784.9882	1	2784.9882	346.5205	0.0000
ERROR	29359.1679	3652	8.0370		
CS	6.8574	1	6.8574	0.8594	0.3541
CF	141.1009	3	47.0336	5.8944	0.0007
CR	19.9565	1	19.9565	2.5010	0.1141
SF	40.9992	3	13.6664	1.7127	0.1622
SR	1.4567	1	1.4567	0.1826	0.6693
FR	56.6909	3	18.8970	2.3682	0.0689
ERROR	29052.8411	3640	7.9794		
CSF	12.7148	3	4.2383	0.5308	0.6612
CSR	25.4577	1	25.4577	3.1883	0.0743
CFR	12.5843	3	4.1948	0.5254	0.6646
SFR	11.0115	3	3.6705	0.4597	0.7103
ERROR	28992.2675	3630	7.9847		
CSFR	8.5698	3	2.8566	0.3576	0.7834
ERROR	28983.6976	3627	7.9889		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 142

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	193691.0000	3592			
MEAN	163035.0467	1	163035.0467	19103.0352	0.0000
ERROR	30655.9533	3591	8.5345		
CUR	2323.0365	1	2323.0365	340.9248	0.0000
SEX	29.2894	1	29.2894	4.2985	0.0384
F.ED	272.9903	3	90.9968	13.3545	0.0001
RACE	1515.3067	1	1515.3067	222.3838	0.0000
ERROR	24434.7345	3585	6.8139		
CS	1.2649	1	1.2649	0.1864	0.6660
CF	23.4637	3	7.8212	1.1523	0.3266
CR	18.9750	1	18.9750	2.7957	0.0949
SF	73.2203	3	24.4068	3.5960	0.0130
SR	0.5931	1	0.5931	0.0874	0.7676
FR	37.3737	3	12.4579	1.8355	0.1385
ERROR	24257.7840	3573	6.7873		
CSF	24.0715	3	8.0238	1.1821	0.3150
CSR	22.9099	1	22.9099	3.3753	0.0664
CFR	4.3618	3	1.4539	0.2142	0.8863
SFR	20.4398	3	6.8133	1.0038	0.3899
ERROR	24190.7218	3563	6.7875		
CSFR	59.2216	3	19.7405	2.9130	0.0333
ERROR	24131.5002	3560	6.7766		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 143

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	237623.0000	3539			
MEAN	215108.3486	1	215108.3486	33812.1250	0.0000
ERROR	22514.6514	3538	6.3619		
CUR	1380.6059	1	1380.6059	282.4382	0.0000
SEX	55.1203	1	55.1203	11.2763	0.0009
F.ED	214.7912	3	71.5971	14.6470	0.0001
RACE	1814.1818	1	1814.1818	371.1372	0.0000
ERROR	17269.8904	3532	4.8882		
CS	3.1719	1	3.1719	0.6513	0.4200
CF	17.0938	3	5.6979	1.1699	0.3197
CR	18.8578	1	18.8578	3.8720	0.0493
SF	25.1136	3	8.3712	1.7188	0.1610
SR	0.7218	1	0.7218	0.1482	0.7004
FR	47.4201	3	15.8067	3.2455	0.0212
ERROR	17148.2185	3520	4.8703		
CSF	2.8763	3	0.9588	0.1968	0.8985
CSR	6.4594	1	6.4594	1.3258	0.2500
CFR	21.6829	3	7.2276	1.4835	0.2170
SFR	12.7628	3	4.2543	0.8732	0.4541
ERROR	17106.0750	3510	4.8721		
CSFR	2.6831	3	0.8944	0.1834	0.9077
ERROR	17103.3919	3507	4.8755		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 144

TGI SCALE D (BIOLOGICAL SCIENCE), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	259934.0000	3563			
MEAN	223831.0732	1	223831.0732	22120.8906	0.0000
ERROR	36102.9268	3567	10.1185		
CUR	2959.0736	1	2959.0736	412.1038	0.0000
SEX	21.7472	1	21.7472	3.0287	0.0820
F.ED	1164.3458	3	388.1153	54.0520	0.0000
RACE	2523.8629	1	2523.8629	351.4929	0.0000
ERROR	25576.5970	3561	7.1804		
CS	22.8467	1	22.8467	3.1988	0.0741
CF	49.0579	3	16.3526	2.2896	0.0765
CR	42.8603	1	42.8603	6.0009	0.0146
SF	58.6778	3	19.5593	2.7385	0.0420
SR	3.5083	1	3.5083	0.4912	0.4837
FR	34.2762	3	11.4261	1.5998	0.1874
ERROR	25355.0247	3549	7.1423		
CSF	36.0183	3	12.0061	1.6813	0.1689
CSR	6.8687	1	6.8687	0.9619	0.3268
CFR	18.8229	3	6.2743	0.8786	0.4513
SFR	21.6617	3	7.2206	1.0111	0.3867
ERROR	25279.3486	3539	7.1411		
CSFR	7.6703	3	2.5568	0.3578	0.7833
ERROR	25271.6784	3536	7.1449		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 145

TGI SCALE E (MUSIC, ART), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1834	6.77	2.96	0.0	15.00	2.95	4.52	6.65	8.89	10.85
NON-ACADEMIC	1827	4.59	2.36	0.0	13.00	1.73	2.89	4.31	6.04	7.87
MALES	1721	5.47	2.85	0.0	14.00	2.00	3.34	5.14	7.37	9.42
FEMALES	1940	5.87	2.92	0.0	15.00	2.35	3.69	5.44	7.81	10.09
ELEM F.ED.	1049	4.89	2.47	0.0	13.00	1.68	3.08	4.62	6.41	8.36
HS F.ED.	961	5.44	2.76	0.0	14.00	2.12	3.48	5.07	7.17	9.27
COLL F.ED.	1234	6.90	2.98	0.0	15.00	3.03	4.57	6.87	9.07	10.96
D.K.F.ED.	417	4.63	2.66	0.0	13.00	1.49	2.69	4.28	6.14	8.61
BLACK	580	3.54	1.95	0.0	11.00	1.09	2.11	3.42	4.73	6.12
WHITE	3081	6.09	2.86	0.0	15.00	2.59	3.91	5.78	8.04	10.13
NOT IN SAMPLE	5103	5.11	2.82	0.0	15.00	1.77	3.01	4.69	6.80	9.24

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.22	1.83	0.0	5.00	0.40	1.75	3.50	4.86	5.00
A	M	ELEM	W	160	5.56	2.50	1.00	13.00	2.33	3.72	5.50	7.17	8.86
A	M	HS	B	30	4.20	2.43	0.0	11.00	1.50	2.58	3.83	5.67	7.17
A	M	HS	W	228	6.25	2.83	0.0	14.00	2.66	4.24	6.07	8.08	10.25
A	M	COLL	B	20	4.40	2.46	1.00	11.00	1.17	2.83	4.25	5.75	6.50
A	M	COLL	W	397	7.51	2.81	1.00	14.00	3.70	5.31	7.60	9.49	11.29
A	M	D.K.	B	16	3.38	1.75	1.00	7.00	1.62	2.10	3.00	4.17	6.70
A	M	D.K.	W	38	6.03	2.73	2.00	11.00	2.76	3.63	5.50	8.62	10.05
A	F	ELEM	B	36	4.44	1.95	1.00	9.00	2.02	3.00	4.25	5.50	7.10
A	F	ELEM	W	147	6.50	2.93	1.00	13.00	2.69	4.22	6.46	8.69	10.38
A	F	HS	B	26	4.15	1.99	0.0	9.00	1.90	2.75	3.90	5.62	6.70
A	F	HS	W	187	7.03	2.96	1.00	14.00	3.47	4.70	6.84	9.08	11.52
A	F	COLL	B	15	5.20	2.60	1.00	11.00	2.00	3.38	5.00	6.75	8.25
A	F	COLL	W	447	7.86	2.81	0.0	15.00	4.12	5.84	7.78	9.97	11.48
A	F	D.K.	B	13	4.38	2.29	0.0	9.00	0.80	3.56	4.38	5.75	6.40
A	F	D.K.	W	56	6.66	2.58	1.00	13.00	3.37	4.90	6.35	8.83	10.05
N	M	ELEM	B	54	3.13	1.65	0.0	7.00	0.98	1.92	3.05	4.35	5.32
N	M	ELEM	W	239	4.40	2.12	0.0	11.00	1.81	2.81	4.22	5.69	7.37
N	M	HS	B	50	3.34	1.69	0.0	7.00	1.25	2.09	3.23	4.56	5.50
N	M	HS	W	171	4.73	2.33	0.0	12.00	1.78	3.04	4.46	6.21	7.91
N	M	COLL	B	21	3.81	2.27	0.0	8.00	1.05	2.25	3.60	4.87	7.80
N	M	COLL	W	141	5.45	2.43	1.00	11.00	2.50	3.51	5.31	7.22	8.82
N	M	D.K.	B	52	2.58	1.51	0.0	6.00	0.53	1.50	2.58	3.68	4.39
N	M	D.K.	W	86	4.58	2.46	0.0	12.00	1.37	2.96	4.50	6.14	7.41
N	F	ELEM	B	86	3.45	1.90	0.0	7.00	0.92	2.00	3.33	4.85	6.21
N	F	ELEM	W	309	5.01	2.23	0.0	12.00	2.39	3.44	4.77	6.41	8.12
N	F	HS	B	56	3.59	1.71	0.0	8.00	1.42	2.39	3.65	4.35	5.98
N	F	HS	W	213	5.06	2.30	0.0	12.00	2.39	3.34	4.76	6.57	8.31
N	F	COLL	B	22	2.91	2.20	0.0	9.00	0.57	1.57	2.36	4.00	5.43
N	F	COLL	W	171	5.52	2.58	1.00	13.00	2.51	3.74	5.04	7.10	9.34
N	F	D.K.	B	65	3.26	1.59	1.00	8.00	1.15	1.95	3.21	4.48	5.29
N	F	D.K.	W	91	5.23	2.76	1.00	13.00	1.84	3.15	5.00	6.68	8.98
TOTAL				3661	5.68	2.89	0.0	15.00	2.16	3.54	5.30	7.59	9.80

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 146

TGI SCALE E (MUSIC, ART), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	6.84	2.69	0.0	15.00	3.49	4.91	6.73	8.66	10.41
NON-ACADEMIC	1789	4.81	2.34	0.0	13.00	1.85	3.11	4.65	6.26	7.95
MALES	1682	5.69	2.64	0.0	15.00	2.32	3.76	5.54	7.39	9.26
FEMALES	1911	5.96	2.77	0.0	15.00	2.50	3.95	5.73	7.78	9.80
ELEM F.ED.	1032	5.20	2.35	0.0	13.00	2.26	3.60	5.05	6.61	8.32
HS F.ED.	948	5.55	2.62	0.0	15.00	2.27	3.61	5.38	7.21	9.01
COLL F.ED.	1210	6.88	2.78	0.0	15.00	3.23	4.94	6.79	8.83	10.55
D.K.F.ED.	403	4.96	2.67	0.0	13.00	1.73	2.98	4.56	6.61	8.80
BLACK	561	3.82	2.13	0.0	11.00	1.30	2.18	3.60	5.12	6.66
WHITE	3032	6.20	2.65	0.0	15.00	2.89	4.29	6.02	7.93	9.81
NOT IN SAMPLE	4373	4.96	2.72	0.0	15.00	1.72	2.95	4.61	6.61	8.77

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.89	2.47	0.0	10.00	0.90	2.25	3.75	5.00	7.70
A	M	ELEM	W	155	6.01	2.28	1.00	13.00	3.52	4.45	5.83	7.39	9.06
A	M	HS	B	29	4.00	2.28	1.00	11.00	1.68	2.53	3.33	5.19	6.60
A	M	HS	W	224	6.43	2.46	1.00	15.00	3.24	4.76	6.32	8.00	9.57
A	M	COLL	B	19	4.63	2.09	1.00	10.00	2.40	3.19	4.60	5.58	7.60
A	M	COLL	W	388	7.36	2.53	1.00	15.00	4.01	5.67	7.23	9.10	10.76
A	M	D.K.	B	15	3.40	1.35	1.00	6.00	1.67	2.42	3.38	4.31	5.25
A	M	D.K.	W	38	6.71	2.57	2.00	13.00	3.43	4.75	6.50	8.86	9.90
A	F	ELEM	B	35	5.09	2.43	1.00	10.00	1.88	3.42	4.94	6.58	8.75
A	F	ELEM	W	145	6.34	2.56	0.0	13.00	3.04	4.40	6.24	8.14	9.87
A	F	HS	B	27	5.11	2.50	0.0	10.00	1.35	3.75	5.14	6.95	8.15
A	F	HS	W	185	7.13	2.66	2.00	15.00	3.75	5.14	7.00	8.85	10.46
A	F	COLL	B	15	5.60	3.02	0.0	10.00	1.75	3.25	6.00	8.12	9.25
A	F	COLL	W	443	7.74	2.64	1.00	15.00	4.55	5.85	7.57	9.53	11.29
A	F	D.K.	B	12	6.08	2.97	2.00	10.00	2.00	2.50	7.00	8.50	9.40
A	F	D.K.	W	56	7.04	2.60	2.00	13.00	3.95	4.86	7.00	8.50	10.70
N	M	ELEM	B	54	3.74	1.71	0.0	8.00	1.55	2.55	3.71	4.92	6.07
N	M	ELEM	W	235	4.84	2.15	0.0	12.00	2.07	3.39	4.65	6.24	7.62
N	M	HS	B	46	3.54	1.91	1.00	8.00	1.16	2.00	3.28	5.00	6.27
N	M	HS	W	170	4.84	2.29	0.0	11.00	1.83	3.12	4.82	6.33	7.94
N	M	COLL	B	21	4.86	2.95	0.0	10.00	1.05	2.58	4.33	7.37	8.95
N	M	COLL	W	134	5.63	2.43	1.00	13.00	2.53	3.78	5.71	7.35	8.60
N	M	D.K.	B	51	3.04	1.72	0.0	7.00	0.87	1.57	2.89	4.31	5.48
N	M	D.K.	W	85	4.93	2.40	0.0	11.00	1.75	3.51	4.67	6.47	8.20
N	F	ELEM	B	65	3.55	1.72	0.0	8.00	1.25	2.37	3.63	4.73	5.60
N	F	ELEM	W	305	5.33	2.18	0.0	13.00	2.68	3.81	5.33	6.55	8.19
N	F	HS	B	55	3.38	1.85	0.0	8.00	1.00	1.93	3.25	4.80	5.67
N	F	HS	W	212	5.07	2.19	0.0	13.00	2.45	3.50	5.02	6.36	7.84
N	F	COLL	B	21	2.95	1.43	1.00	6.00	1.51	1.91	2.60	3.75	5.40
N	F	COLL	W	169	5.63	2.63	0.0	13.00	2.34	3.63	5.41	7.21	9.59
N	F	D.K.	B	58	3.00	1.54	0.0	7.00	1.46	1.85	2.46	4.19	5.27
N	F	D.K.	W	88	5.43	2.46	1.00	13.00	2.82	3.74	4.93	6.83	8.80
TOTAL				3593	5.83	2.72	0.0	15.00	2.42	3.86	5.64	7.59	9.51

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 147

TGI SCALE E (MUSIC, ART), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	7.81	2.95	0.0	15.00	3.89	5.70	7.74	9.98	11.66
NON-ACADEMIC	1765	5.41	2.51	0.0	14.00	2.27	3.60	5.22	7.01	8.87
MALES	1659	6.69	2.94	0.0	15.00	2.93	4.50	6.51	8.81	10.68
FEMALES	1881	6.55	3.03	0.0	15.00	2.73	4.38	6.28	8.52	10.82
ELEM F.ED.	984	5.72	2.62	0.0	14.00	2.53	3.80	5.49	7.39	9.25
HS F.ED.	935	6.41	2.79	0.0	15.00	2.84	4.55	6.18	8.24	10.16
COLL F.ED.	1216	7.87	2.92	0.0	15.00	4.02	5.74	7.82	10.05	11.69
D.K.F.ED.	405	5.47	3.11	0.0	15.00	1.82	3.18	4.86	7.30	10.29
BLACK	572	4.35	2.30	0.0	12.00	1.50	2.71	4.19	5.67	7.35
WHITE	2968	7.05	2.91	0.0	15.00	3.33	4.92	6.86	9.10	11.05
NOT IN SAMPLE	4844	5.52	2.83	0.0	15.00	2.07	3.44	5.20	7.28	9.47

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	4.71	1.99	2.00	8.00	2.07	3.13	4.38	6.19	7.65
A	M	ELEM	W	151	6.85	2.67	1.00	14.00	3.34	4.91	6.88	8.46	10.49
A	M	HS	B	30	4.77	2.74	0.0	10.00	1.17	2.75	4.70	6.75	8.83
A	M	HS	W	219	7.63	2.76	1.00	14.00	4.29	5.53	7.48	9.47	11.39
A	M	COLL	B	20	5.80	2.46	2.00	10.00	2.83	3.83	5.70	7.00	9.83
A	M	COLL	W	393	8.70	2.63	1.00	15.00	5.18	6.81	8.79	10.54	12.02
A	M	D.K.	B	16	4.25	1.61	2.00	7.00	2.60	3.00	3.83	5.17	6.97
A	M	D.K.	W	37	8.54	2.78	3.00	15.00	4.93	6.66	8.80	10.22	12.15
A	F	ELEM	B	36	5.00	2.53	0.0	12.00	1.80	3.50	4.75	6.36	8.10
A	F	ELEM	W	126	7.29	2.95	1.00	14.00	3.55	5.08	7.22	9.55	11.28
A	F	HS	B	27	5.07	3.16	0.0	11.00	1.07	2.85	4.80	6.92	10.60
A	F	HS	W	179	7.77	2.84	2.00	15.00	4.22	5.71	7.48	9.70	11.72
A	F	COLL	B	13	6.54	2.99	2.00	12.00	2.15	4.75	6.75	8.75	9.40
A	F	COLL	W	444	8.55	2.79	1.00	15.00	4.96	6.58	8.41	10.54	12.30
A	F	D.K.	B	12	5.83	3.27	1.00	11.00	1.10	3.50	5.50	7.50	10.90
A	F	D.K.	W	55	7.84	3.11	1.00	13.00	3.88	5.22	7.92	10.55	12.00
N	M	ELEM	B	55	4.62	2.08	1.00	10.00	2.38	3.02	4.43	5.92	7.43
N	M	ELEM	W	220	5.52	2.33	0.0	12.00	2.50	3.83	5.47	7.10	8.59
N	M	HS	B	50	4.52	1.92	1.00	9.00	2.10	3.19	4.33	5.69	7.50
N	M	HS	W	163	5.81	2.42	1.00	13.00	2.36	4.10	5.89	7.43	9.04
N	M	COLL	B	21	5.14	2.35	1.00	11.00	2.55	3.81	4.86	6.25	7.47
N	M	COLL	W	135	6.63	2.71	1.00	14.00	3.31	4.64	6.25	8.53	10.38
N	M	D.K.	B	50	3.54	1.89	0.0	8.00	1.17	2.19	3.33	4.45	6.21
N	M	D.K.	W	82	5.23	2.59	0.0	13.00	2.67	3.57	4.64	6.71	8.97
N	F	ELEM	B	86	3.64	1.96	0.0	9.00	1.01	2.00	3.61	5.09	6.07
N	F	ELEM	W	293	5.59	2.32	0.0	14.00	2.79	3.86	5.38	7.14	8.68
N	F	HS	B	56	4.45	1.93	1.00	9.00	1.86	2.79	4.58	5.79	7.07
N	F	HS	W	211	5.84	2.24	1.00	12.00	2.90	4.49	5.78	7.25	8.61
N	F	COLL	B	20	3.75	2.17	0.0	10.00	1.00	2.67	3.50	4.83	6.00
N	F	COLL	W	170	6.31	2.56	1.00	13.00	3.12	4.65	6.09	7.87	9.75
N	F	D.K.	B	63	3.27	1.80	0.0	7.00	0.79	1.84	3.53	4.52	5.38
N	F	D.K.	W	90	5.77	3.07	1.00	12.00	2.10	3.18	5.50	7.45	10.75
TOTAL				3540	6.61	2.99	0.0	15.00	2.82	4.44	6.39	8.67	10.75

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 148

TGI SCALE E (MUSIC, ART), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	9.78	2.65	1.00	15.00	6.19	7.93	10.04	11.78	13.08
NON-ACADEMIC	1770	7.07	2.62	0.0	14.00	3.60	5.15	7.07	8.92	10.53
MALES	1676	8.72	3.09	0.0	15.00	4.53	6.55	8.84	11.14	12.67
FEMALES	1894	8.18	2.83	0.0	15.00	4.35	6.12	8.18	10.29	11.95
ELEM F.ED.	1045	7.53	2.70	1.00	15.00	3.97	5.66	7.46	9.32	11.24
HS F.ED.	955	8.35	2.84	1.00	15.00	4.49	6.36	8.43	10.47	12.08
COLL F.ED.	1231	9.69	2.74	1.00	15.00	5.89	7.81	9.99	11.76	13.10
D.K.F.ED.	339	6.89	3.10	0.0	15.00	2.96	4.59	6.76	9.08	11.19
BLACK	548	6.19	2.74	0.0	14.00	2.73	4.07	6.16	8.06	9.93
WHITE	3022	8.84	2.82	0.0	15.00	5.02	6.81	8.89	11.02	12.45
NOT IN SAMPLE	3409	7.68	3.03	0.0	15.00	3.65	5.42	7.70	9.96	11.72

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	6.72	2.19	2.00	11.00	3.30	6.00	7.00	7.67	9.70
A	M	ELEM	W	160	9.02	2.74	1.00	15.00	5.70	7.21	9.00	11.00	12.33
A	M	HS	B	30	7.03	3.11	1.00	12.00	2.50	5.00	6.83	9.42	11.00
A	M	HS	W	228	10.18	2.51	1.00	15.00	6.72	8.46	10.60	12.01	13.17
A	M	COLL	B	20	8.15	3.30	3.00	14.00	3.17	6.00	7.50	10.50	12.50
A	M	COLL	W	397	10.97	2.28	3.00	15.00	7.69	9.60	11.25	12.66	13.71
A	M	D.K.	B	11	5.91	2.07	2.00	9.00	3.55	4.38	6.00	7.62	8.45
A	M	D.K.	W	25	9.60	2.96	4.00	14.00	4.75	7.92	10.33	11.46	13.12
A	F	ELEM	B	37	7.54	2.28	3.00	12.00	5.07	6.03	7.05	9.62	10.65
A	F	ELEM	W	147	9.05	2.53	3.00	15.00	5.93	7.18	8.54	11.18	12.41
A	F	HS	B	26	7.35	3.16	2.00	14.00	2.80	5.25	7.25	9.37	11.70
A	F	HS	W	185	9.39	2.31	4.00	15.00	6.18	7.58	9.57	11.28	12.28
A	F	COLL	B	15	8.60	2.32	2.00	13.00	7.00	7.94	8.75	9.38	11.00
A	F	COLL	W	447	10.10	2.36	3.00	15.00	6.88	8.51	10.32	11.81	13.08
A	F	D.K.	B	12	8.92	2.97	4.00	13.00	4.70	6.50	9.50	11.00	12.90
A	F	D.K.	W	42	9.31	2.84	2.00	15.00	5.60	7.88	9.39	11.12	12.95
N	M	ELEM	B	54	6.20	2.49	2.00	11.00	3.07	4.05	6.25	8.08	9.82
N	M	ELEM	W	236	7.07	2.55	1.00	13.00	3.76	5.43	6.98	8.79	10.47
N	M	HS	B	48	6.50	2.79	1.00	13.00	2.70	4.72	6.64	8.50	9.90
N	M	HS	W	170	7.67	2.55	1.00	14.00	4.07	6.12	7.71	9.29	11.03
N	M	COLL	B	21	5.71	2.83	1.00	12.00	1.20	4.12	5.92	7.08	9.40
N	M	COLL	W	141	8.84	2.34	4.00	13.00	5.51	7.25	8.88	10.60	11.99
N	M	D.K.	B	42	4.74	2.79	0.0	12.00	1.14	2.81	4.12	6.92	8.43
N	M	D.K.	W	75	6.88	2.80	0.0	13.00	3.56	4.92	6.46	8.68	11.00
N	F	ELEM	B	84	5.55	2.15	1.00	11.00	2.84	3.94	5.42	7.21	8.38
N	F	ELEM	W	309	7.21	2.40	2.00	14.00	3.96	5.45	7.22	8.89	10.37
N	F	HS	B	55	5.87	2.34	2.00	12.00	3.25	3.95	5.57	7.41	9.60
N	F	HS	W	213	7.41	2.35	2.00	14.00	4.32	5.70	7.36	9.20	10.41
N	F	COLL	B	21	5.05	2.20	1.00	10.00	2.05	3.25	5.20	6.44	7.47
N	F	COLL	W	169	7.64	2.49	2.00	14.00	4.24	5.92	7.59	9.43	11.01
N	F	D.K.	B	54	4.94	2.41	0.0	10.00	1.97	3.04	4.83	6.86	8.22
N	F	D.K.	W	78	7.08	2.44	2.00	13.00	4.45	5.07	6.95	8.81	10.39
TOTAL				3570	8.44	2.97	0.0	15.00	4.42	6.32	8.46	10.71	12.30

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 149

TGI SCALE E (MUSIC, ART), GRADE 5, 1961

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	148795.0000	3660			
MEAN	118186.6226	1	118186.6226	14132.1719	0.0000
ERROR	30608.3774	3659	8.3629		
CUR	2138.5322	1	2138.5322	337.5522	0.0000
SEX	229.3984	1	229.3984	36.2089	0.0001
F.ED	831.5610	3	277.1870	43.7520	0.0000
RACE	1658.1860	1	1658.1860	261.7329	0.0000
ERROR	23149.5804	3653	6.3354		
CS	25.0618	1	25.0618	3.9942	0.0459
CF	93.1522	3	31.0507	4.9487	0.0021
CR	58.4160	1	58.4160	9.3100	0.0025
SF	52.4350	3	17.4783	2.7856	0.0394
SR	3.0372	1	3.0372	0.4841	0.4868
FR	35.0221	3	11.6740	1.8605	0.1341
ERROR	22851.9418	3641	6.2746		
CSF	2.4796	3	0.8265	0.1314	0.9415
CSR	1.5925	1	1.5925	0.2532	0.6150
CFR	3.3610	3	1.1203	0.1782	0.9111
SFR	4.1281	3	1.3760	0.2188	0.8833
ERROR	22840.6839	3631	6.2887		
CSFR	14.1630	3	4.7210	0.7506	0.5218
ERROR	22826.5210	3628	6.2900		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 150

TGI SCALE E (MUSIC, ART), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	148705.0000	3592			
MEAN	122189.7958	1	122189.7958	16552.9805	0.0000
ERROR	26515.2042	3591	7.3817		
CUR	1968.2966	1	1968.2966	345.3247	0.0000
SEX	119.4112	1	119.4112	20.9499	0.0001
F.ED	481.8356	3	160.6119	28.1783	0.0000
RACE	1478.0855	1	1478.0855	259.3203	0.0000
ERROR	20439.6280	3585	5.6998		
CS	40.3367	1	40.3367	7.1211	0.0077
CF	77.7898	3	25.9299	4.5777	0.0035
CR	16.0718	1	16.0718	2.8373	0.0924
SF	25.1973	3	8.3991	1.4828	0.2172
SR	4.0796	1	4.0796	0.7202	0.3963
FR	29.7311	3	9.9104	1.7496	0.1547
ERROR	20244.5739	3573	5.6644		
CSF	13.2121	3	4.4040	0.7791	0.5054
CSR	67.4790	1	67.4790	11.9367	0.0006
CFR	8.1799	3	2.7266	0.4823	0.6946
SFR	15.5503	3	5.1834	0.9169	0.4317
ERROR	20147.5247	3563	5.6531		
CSFR	14.5887	3	4.8629	0.8601	0.4608
ERROR	20132.9360	3560	5.6537		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 151

TGI SCALE E (MUSIC, ART), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	166388.0000	3539			
MEAN	154836.5548	1	154836.5548	17367.3945	0.0000
ERROR	31551.4452	3538	8.9154		
CUR	2496.5643	1	2496.5643	375.7578	0.0000
SEX	0.0874	1	0.0874	0.0132	0.9087
F.ED	778.6000	3	259.5333	39.0623	0.0000
RACE	1769.5469	1	1769.5469	266.3345	0.0000
ERROR	23473.5176	3532	6.6441		
CS	11.3222	1	11.3222	1.7175	0.1903
CF	80.5511	3	26.8504	4.0730	0.0068
CR	87.9275	1	87.9275	13.3379	0.0004
SF	28.9910	3	9.6637	1.4659	0.2218
SR	9.2256	1	9.2256	1.3994	0.2370
FR	32.9776	3	10.9925	1.6675	0.1719
ERROR	23211.5549	3520	6.5923		
CSF	18.1066	3	6.0355	0.9161	0.4320
CSR	37.0050	1	37.0050	5.6166	0.0178
CFR	11.3435	3	3.7812	0.5739	0.6319
SFR	11.2319	3	3.7440	0.5683	0.6357
ERROR	23132.1904	3510	6.5885		
CSFR	23.6657	3	7.8886	1.1975	0.3091
ERROR	23108.5246	3507	6.5874		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 152

TGI SCALE E (MUSIC, ART), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	285443.0000	3569			
MEAN	254037.1431	1	254037.1431	28869.0781	0.0000
ERROR	31405.8569	3568	8.7996		
CUR	3543.9927	1	3543.9927	574.6184	0.0000
SEX	138.6488	1	138.6488	22.4803	0.0001
F.ED	791.2383	3	263.7461	42.7635	0.0000
RACE	1501.5030	1	1501.5030	243.4518	0.0000
ERROR	21974.9992	3562	6.1676		
CS	1.7830	1	1.7830	0.2891	0.5909
CF	42.7768	3	14.2589	2.3383	0.0717
CR	16.2464	1	16.2464	2.6643	0.1028
SF	148.4281	3	49.4760	8.1136	0.0001
SR	5.5238	1	5.5238	0.9059	0.3414
FR	52.9288	3	17.6429	2.8933	0.0341
ERROR	21653.6115	3550	6.0979		
CSF	19.6439	3	6.5480	1.0780	0.3571
CSR	60.6119	1	60.6119	9.9790	0.0016
CFR	49.8362	3	16.6121	2.7350	0.0422
SFR	21.9791	3	7.3264	1.2062	0.3059
ERROR	21507.7280	3540	6.0739		
CSFR	12.2693	3	4.0898	0.6731	0.5683
ERROR	21495.4586	3537	6.0756		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 153

TGI SCALE F (HISTORY, LITERATURE), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1834	7.62	2.89	0.0	15.00	3.75	5.53	7.67	9.80	11.40
NON-ACADEMIC	1827	5.46	2.50	0.0	14.00	2.38	3.62	5.26	7.14	8.90
MALES	1721	6.78	2.99	0.0	15.00	2.91	4.53	6.61	8.98	10.88
FEMALES	1940	6.34	2.83	0.0	14.00	2.75	4.21	6.15	8.31	10.30
ELEM F.ED.	1049	5.89	2.64	0.0	15.00	2.63	3.94	5.68	7.64	9.49
HS F.ED.	961	6.39	2.83	0.0	15.00	2.82	4.28	6.16	8.39	10.29
COLL F.ED.	1234	7.61	2.92	0.0	15.00	3.66	5.46	7.66	9.81	11.43
D.K.F.ED.	417	5.39	2.76	0.0	13.00	2.03	3.31	5.09	7.21	9.26
BLACK	580	4.33	2.19	0.0	12.00	1.64	2.76	4.15	5.65	7.28
WHITE	3081	6.96	2.85	0.0	15.00	3.25	4.85	6.84	9.03	10.86
NOT IN SAMPLE	5103	5.81	3.00	0.0	15.00	2.04	3.54	5.47	7.87	10.13

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	4.61	1.72	0.0	7.00	2.30	3.86	4.50	5.88	6.60
A	M	ELEM	W	160	7.32	3.01	0.0	15.00	3.28	5.21	7.44	9.62	11.21
A	M	HS	B	30	5.07	2.68	1.00	10.00	1.70	2.60	5.17	7.25	8.50
A	M	HS	W	228	7.84	2.88	0.0	15.00	3.96	5.72	7.94	9.93	11.41
A	M	COLL	B	20	6.30	2.13	2.00	10.00	3.50	4.83	6.00	8.07	8.50
A	M	COLL	W	397	8.66	2.71	1.00	15.00	4.94	6.77	8.85	10.71	12.12
A	M	D.K.	B	16	4.63	1.59	2.00	7.00	2.30	3.67	4.33	6.00	6.70
A	M	D.K.	W	38	7.63	2.69	2.00	12.00	4.43	5.42	7.75	9.87	11.30
A	F	ELEM	B	36	5.08	2.35	1.00	12.00	2.15	3.72	4.79	6.30	7.70
A	F	ELEM	W	147	7.09	2.87	2.00	14.00	3.37	4.92	6.89	9.21	10.91
A	F	HS	B	26	4.88	2.80	0.0	10.00	0.80	3.00	4.83	7.00	8.70
A	F	HS	W	187	7.42	2.73	1.00	13.00	3.68	5.57	7.52	9.56	11.02
A	F	COLL	B	15	6.33	2.77	2.00	11.00	2.75	3.88	6.67	8.62	10.00
A	F	COLL	W	447	8.04	2.64	0.0	14.00	4.60	6.15	8.04	10.05	11.57
A	F	D.K.	B	13	4.69	2.53	1.00	9.00	1.65	2.75	4.33	6.25	8.85
A	F	D.K.	W	56	6.64	2.92	1.00	13.00	2.82	4.50	6.37	8.70	10.38
N	M	ELEM	B	54	3.93	1.95	1.00	11.00	1.58	2.72	3.58	4.92	6.77
N	M	ELEM	W	239	5.84	2.29	0.0	13.00	2.85	4.18	5.81	7.54	8.89
N	M	HS	B	50	4.40	2.10	0.0	11.00	1.90	3.25	4.23	5.27	6.50
N	M	HS	W	171	5.83	2.64	0.0	12.00	2.42	3.92	5.66	7.72	9.66
N	M	COLL	B	21	4.90	2.49	1.00	9.00	1.20	3.12	5.00	6.42	8.45
N	M	COLL	W	141	6.73	2.72	0.0	14.00	3.31	4.65	6.86	8.49	10.31
N	M	D.K.	B	52	3.69	1.97	0.0	7.00	0.90	2.25	3.75	5.20	6.30
N	M	D.K.	W	86	5.48	2.53	1.00	13.00	2.45	3.55	5.21	6.93	8.63
N	F	ELEM	B	86	4.05	1.87	0.0	9.00	1.61	2.54	4.10	5.36	6.45
N	F	ELEM	W	309	5.64	2.25	0.0	11.00	2.70	3.96	5.53	7.28	8.74
N	F	HS	B	56	4.23	1.81	0.0	10.00	2.01	3.13	4.11	5.14	6.63
N	F	HS	W	213	5.77	2.24	0.0	13.00	2.91	4.28	5.73	7.11	8.63
N	F	COLL	B	22	3.45	2.26	1.00	11.00	1.65	2.06	2.79	3.75	6.40
N	F	COLL	W	171	5.94	2.77	0.0	14.00	2.66	3.89	5.62	7.67	10.16
N	F	D.K.	B	65	3.45	1.82	0.0	8.00	1.00	2.25	3.26	4.69	6.00
N	F	D.K.	W	91	6.20	2.61	0.0	13.00	2.81	4.11	6.22	8.16	9.49
TOTAL				3661	6.54	2.91	0.0	15.00	2.82	4.35	6.36	8.63	10.58

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 154

TGI SCALE F (HISTORY, LITERATURE), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	8.09	2.75	0.0	15.00	4.34	6.17	8.23	10.09	11.53
NON-ACADEMIC	1789	5.76	2.54	0.0	13.00	2.55	3.68	5.61	7.49	9.22
MALES	1682	7.17	2.99	0.0	15.00	3.26	4.90	7.13	9.44	11.20
FEMALES	1911	6.72	2.79	0.0	15.00	2.98	4.63	6.71	8.77	10.44
ELEM F.ED.	1032	6.09	2.74	0.0	15.00	2.63	4.07	5.88	8.01	9.89
HS F.ED.	948	6.78	2.77	0.0	15.00	3.21	4.66	6.67	8.75	10.58
COLL F.ED.	1210	8.09	2.77	0.0	15.00	4.25	6.26	8.25	10.10	11.44
D.K.F.ED.	403	5.97	2.79	0.0	15.00	2.30	3.89	5.95	7.71	9.82
BLACK	561	4.94	2.33	0.0	13.00	1.95	3.22	4.82	6.51	8.08
WHITE	3032	7.30	2.84	0.0	15.00	3.54	5.20	7.34	9.36	11.06
NOT IN SAMPLE	4373	6.12	3.02	0.0	15.00	2.36	3.81	5.86	8.21	10.30

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	5.22	2.51	1.00	10.00	1.90	3.25	5.50	6.40	8.70
A	M	ELEM	W	155	7.65	2.98	1.00	15.00	3.80	5.41	7.71	9.99	11.62
A	M	HS	B	29	5.83	2.25	2.00	11.00	2.98	4.06	5.42	7.79	8.55
A	M	HS	W	224	8.22	2.87	2.00	15.00	4.38	6.18	8.16	10.27	12.13
A	M	COLL	B	19	5.95	3.15	1.00	13.00	1.45	3.87	6.60	7.62	9.60
A	M	COLL	W	388	9.12	2.48	1.00	15.00	5.67	7.48	9.40	10.88	12.11
A	M	D.K.	B	15	5.93	1.83	3.00	10.00	3.75	4.75	5.80	6.62	9.00
A	M	D.K.	W	38	8.26	2.68	2.00	13.00	4.95	6.20	8.12	10.20	12.10
A	F	ELEM	B	35	6.06	2.21	2.00	10.00	3.33	4.18	6.00	7.75	9.25
A	F	ELEM	W	145	7.14	2.97	0.0	14.00	3.05	4.95	7.12	9.37	11.09
A	F	HS	B	27	5.74	2.73	0.0	12.00	2.68	3.75	5.63	7.31	9.15
A	F	HS	W	185	7.86	2.46	0.0	13.00	4.62	6.19	8.12	9.47	11.03
A	F	COLL	B	15	6.47	2.70	1.00	10.00	2.00	4.88	6.88	8.62	9.75
A	F	COLL	W	443	8.55	2.38	1.00	15.00	5.38	6.99	8.64	10.20	11.44
A	F	D.K.	B	12	6.17	2.33	1.00	9.00	2.70	5.00	6.83	7.83	8.43
A	F	D.K.	W	56	7.89	2.61	2.00	15.00	4.65	6.50	7.83	9.75	11.10
N	M	ELEM	B	54	4.93	2.23	0.0	11.00	2.35	3.25	4.83	6.42	7.45
N	M	ELEM	W	235	5.90	2.52	0.0	12.00	2.73	4.14	5.71	7.69	9.29
N	M	HS	B	46	5.17	1.89	2.00	11.00	2.93	3.85	4.95	6.19	7.70
N	M	HS	W	170	6.29	2.50	2.00	12.00	3.06	4.21	6.18	8.17	9.90
N	M	COLL	B	21	5.19	2.62	0.0	11.00	1.60	3.75	5.00	7.25	8.22
N	M	COLL	W	134	7.12	2.86	1.00	13.00	3.10	5.11	7.37	9.15	10.79
N	M	D.K.	B	51	4.41	2.33	0.0	9.00	1.09	2.75	4.44	6.15	7.48
N	M	D.K.	W	85	5.53	2.69	0.0	13.00	2.38	3.44	5.37	7.27	8.45
N	F	ELEM	B	85	4.42	2.16	0.0	10.00	1.85	2.83	4.21	5.94	7.19
N	F	ELEM	W	305	5.67	2.40	0.0	12.00	2.43	3.93	5.67	7.30	9.00
N	F	HS	B	55	4.31	2.02	1.00	10.00	1.67	2.91	4.11	5.54	7.12
N	F	HS	W	212	5.97	2.35	0.0	12.00	3.07	4.25	5.86	7.55	9.16
N	F	COLL	B	21	3.71	2.10	1.00	9.00	1.20	1.95	3.80	4.94	6.40
N	F	COLL	W	169	5.55	2.49	1.00	13.00	3.49	4.61	6.66	8.27	9.66
N	F	D.K.	B	58	4.12	1.94	0.0	8.00	1.72	2.38	4.05	5.78	6.81
N	F	D.K.	W	88	6.26	2.48	2.00	12.00	2.95	4.29	6.41	7.80	9.87
TOTAL				3593	6.93	2.89	0.0	15.00	3.11	4.76	6.39	9.04	10.83

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 155

TGI SCALE F (HISTORY, LITERATURE), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	8.30	2.56	1.00	15.00	4.85	6.52	8.43	10.13	11.65
NON-ACADEMIC	1765	5.99	2.31	0.0	13.00	3.00	4.32	5.87	7.60	9.14
MALES	1659	7.50	2.82	0.0	15.00	3.82	5.41	7.42	9.54	11.31
FEMALES	1881	6.84	2.56	0.0	14.00	3.54	4.95	6.74	8.72	10.25
ELEM F.ED.	984	6.43	2.48	0.0	15.00	3.25	4.64	6.30	8.09	9.77
HS F.ED.	935	7.01	2.61	0.0	14.00	3.66	5.06	6.98	8.90	10.39
COLL F.ED.	1216	8.20	2.62	1.00	15.00	4.73	6.25	8.30	10.13	11.65
D.K.F.ED.	405	6.05	2.59	0.0	13.00	2.79	4.13	5.82	7.88	9.46
BLACK	572	5.16	2.29	0.0	14.00	2.34	3.51	4.91	6.50	8.36
WHITE	2968	7.53	2.61	0.0	15.00	4.13	5.65	7.46	9.37	11.04
NOT IN SAMPLE	4844	6.25	2.74	0.0	15.00	2.75	4.24	6.09	8.11	9.99

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	4.88	1.90	2.00	10.00	2.73	3.56	4.67	5.94	6.80
A	M	ELEM	W	151	8.09	2.59	2.00	15.00	4.72	6.34	8.02	9.88	11.60
A	M	HS	B	30	5.63	2.86	1.00	10.00	1.83	3.58	5.17	8.33	9.50
A	M	HS	W	219	8.49	2.45	2.00	14.00	5.41	6.77	8.59	10.09	11.69
A	M	COLL	B	20	7.45	2.67	4.00	12.00	4.00	4.83	7.83	9.50	11.00
A	M	COLL	W	393	9.45	2.39	3.00	15.00	6.22	7.72	9.64	11.26	12.35
A	M	D.K.	B	16	6.00	2.22	2.00	9.00	2.80	4.75	5.83	8.00	8.97
A	M	D.K.	W	37	8.81	2.15	3.00	13.00	6.18	7.54	8.82	9.94	11.80
A	F	ELEM	B	36	5.69	2.15	2.00	10.00	2.90	4.10	5.28	7.50	8.63
A	F	ELEM	W	126	7.79	2.23	2.00	13.00	4.95	6.35	7.74	9.38	10.66
A	F	HS	B	27	5.85	2.74	2.00	14.00	3.20	4.25	5.11	6.92	9.80
A	F	HS	W	179	8.05	2.35	2.00	13.00	4.88	6.44	8.16	9.61	11.07
A	F	COLL	B	13	7.54	3.10	3.00	12.00	3.60	4.25	8.00	10.25	11.35
A	F	COLL	W	444	8.43	2.30	2.00	14.00	5.45	6.68	8.50	10.09	11.43
A	F	D.K.	B	12	6.25	2.60	3.00	12.00	3.00	3.50	6.50	7.50	8.40
A	F	D.K.	W	55	7.60	2.51	2.00	12.00	4.20	5.84	7.44	9.54	11.25
N	M	ELEM	B	55	5.38	1.97	2.00	11.00	2.92	3.93	5.25	6.66	7.87
N	M	ELEM	W	220	6.23	2.24	1.00	13.00	3.56	4.57	6.10	7.47	9.30
N	M	HS	B	50	5.58	2.44	2.00	11.00	2.33	3.78	5.25	7.22	9.00
N	M	HS	W	163	6.50	2.40	0.0	12.00	3.43	4.84	6.56	8.11	9.80
N	M	COLL	B	21	5.29	1.85	2.00	9.00	2.60	4.25	5.14	6.42	7.95
N	M	COLL	W	135	7.30	2.46	2.00	13.00	4.00	5.63	7.35	9.01	10.46
N	M	D.K.	B	50	4.48	2.11	0.0	9.00	1.50	3.00	4.67	5.81	7.17
N	M	D.K.	W	82	6.06	2.50	2.00	13.00	2.90	4.25	5.83	7.73	9.66
N	F	ELEM	B	86	4.41	1.76	1.00	8.00	2.01	2.96	4.55	5.61	6.60
N	F	ELEM	W	293	6.11	2.24	0.0	12.00	3.15	4.53	6.09	7.71	9.04
N	F	HS	B	56	4.75	2.08	2.00	11.00	2.43	3.12	4.32	6.06	7.85
N	F	HS	W	211	6.29	2.05	1.00	11.00	3.69	4.71	6.21	7.87	9.13
N	F	COLL	B	20	4.35	2.03	1.00	10.00	1.83	2.83	4.50	5.50	6.25
N	F	COLL	W	170	6.41	2.12	1.00	11.00	3.57	4.88	6.27	8.05	9.34
N	F	D.K.	B	63	4.37	1.76	1.00	9.00	2.16	2.98	4.15	5.66	6.89
N	F	D.K.	W	90	6.01	2.19	1.00	12.00	3.50	4.40	5.60	7.77	8.94
TOTAL				3540	7.15	2.70	0.0	15.00	3.66	5.15	7.05	9.10	10.79

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 156

TGI SCALE F (HISTORY, LITERATURE), GRADE 11, 1967

CLASSIFICATION - MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	9.29	2.71	0.0	15.00	5.52	7.50	9.53	11.31	12.67
NON-ACADEMIC	1770	6.76	2.83	0.0	14.00	3.06	4.65	6.65	8.86	10.59
MALES	1676	8.56	2.93	0.0	15.00	4.47	6.50	8.81	10.80	12.27
FEMALES	1894	7.58	3.07	0.0	15.00	3.54	5.25	7.55	9.93	11.70
ELEM F.ED.	1045	7.12	2.89	0.0	15.00	3.36	4.94	7.11	9.17	11.01
HS F.ED.	955	7.91	2.98	0.0	15.00	3.99	5.68	7.86	10.16	11.97
COLL F.ED.	1231	9.29	2.75	0.0	15.00	5.44	7.45	9.64	11.31	12.57
D.K.F.ED.	339	6.68	3.07	0.0	14.00	2.82	4.31	6.44	8.92	11.01
BLACK	548	5.43	2.61	0.0	13.00	2.14	3.50	5.22	7.25	9.09
WHITE	3022	8.51	2.87	0.0	15.00	4.57	6.43	8.68	10.69	12.23
NOT IN SAMPLE	3409	7.31	3.05	0.0	15.00	3.17	5.05	7.29	9.58	11.43

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	6.67	2.85	0.0	11.00	3.30	4.75	7.00	8.38	10.23
A	M	ELEM	W	160	8.97	2.69	3.00	15.00	5.13	7.17	9.05	10.89	12.59
A	M	HS	B	30	6.70	2.91	2.00	12.00	2.83	4.33	6.30	9.33	10.50
A	M	HS	W	228	9.75	2.33	2.00	15.00	6.69	8.23	9.85	11.50	12.57
A	M	COLL	B	20	7.45	2.44	4.00	12.00	4.50	5.50	7.00	9.50	11.00
A	M	COLL	W	397	10.39	2.25	3.00	15.00	7.30	9.03	10.60	12.05	13.10
A	M	D.K.	B	11	6.82	1.94	5.00	11.00	5.00	5.42	6.13	8.12	9.40
A	M	D.K.	W	25	9.44	2.80	4.00	14.00	5.00	8.12	9.60	11.75	13.00
A	F	ELEM	B	37	5.86	2.26	1.00	11.00	3.07	4.61	5.45	7.65	8.82
A	F	ELEM	W	147	8.32	2.77	2.00	14.00	4.58	6.61	8.17	10.37	12.07
A	F	HS	B	26	6.04	2.95	0.0	12.00	2.10	4.33	6.00	7.40	10.70
A	F	HS	W	185	9.05	2.71	2.00	15.00	5.45	7.10	8.95	11.15	12.80
A	F	COLL	B	15	6.93	2.49	2.00	11.00	3.75	5.25	7.13	8.25	10.75
A	F	COLL	W	447	9.71	2.43	2.00	15.00	6.49	8.20	9.89	11.37	12.79
A	F	D.K.	B	12	7.42	2.07	3.00	10.00	5.55	6.00	7.83	9.00	9.90
A	F	D.K.	W	42	8.64	2.88	4.00	14.00	4.74	6.13	8.83	11.37	12.22
N	M	ELEM	B	54	5.35	2.61	0.0	11.00	2.10	3.54	5.17	7.20	9.15
N	M	ELEM	W	236	7.36	2.56	1.00	14.00	4.07	5.53	7.38	9.07	10.81
N	M	HS	B	48	5.92	2.44	0.0	12.00	3.10	4.50	5.67	7.28	9.23
N	M	HS	W	170	7.90	2.64	2.00	14.00	4.62	5.98	7.59	9.72	11.50
N	M	COLL	B	21	6.00	2.51	3.00	11.00	3.00	3.38	6.63	7.94	8.95
N	M	COLL	W	141	8.82	2.63	2.00	14.00	4.85	7.09	9.19	10.87	11.96
N	M	D.K.	B	42	5.02	2.62	1.00	13.00	2.52	3.22	4.50	6.37	8.90
N	M	D.K.	W	75	7.25	2.64	0.0	12.00	3.92	5.36	7.44	9.22	10.44
N	F	ELEM	B	84	4.45	2.19	1.00	11.00	1.76	2.73	4.19	5.92	7.73
N	F	ELEM	W	309	6.61	2.63	0.0	14.00	3.16	4.67	6.39	8.49	10.24
N	F	HS	B	55	4.67	2.28	0.0	10.00	2.00	2.93	4.44	6.25	8.08
N	F	HS	W	213	6.66	2.61	1.00	14.00	3.63	4.78	6.34	8.28	10.33
N	F	COLL	B	21	4.38	2.85	0.0	10.00	0.87	1.92	4.25	6.42	8.40
N	F	COLL	W	169	7.45	2.60	2.00	13.00	4.06	5.55	7.25	9.53	11.01
N	F	D.K.	B	54	4.30	2.25	1.00	10.00	1.40	2.67	4.00	6.00	7.20
N	F	D.K.	W	78	6.62	3.00	1.00	14.00	2.76	4.22	6.50	8.33	10.94
TOTAL				3570	8.04	3.05	0.0	15.00	3.87	5.76	8.16	10.36	12.03

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 157

TGI SCALE F (HISTORY, LITERATURE), GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	187854.0000	3660			
MEAN	156757.5717	1	156757.5717	18450.1055	0.0000
ERROR	31096.4283	3659	8.4963		
CUR	2155.7449	1	2155.7449	328.3809	0.0000
SEX	96.7345	1	96.7345	14.7354	0.0002
F.ED	490.6450	3	163.5483	24.9130	0.0000
RACE	1833.0209	1	1833.0209	279.2209	0.0000
ERROR	23987.6541	3653	6.5648		
CS	2.6695	1	2.6695	0.4084	0.5229
CF	56.6450	3	18.8817	2.8886	0.0343
CR	29.2709	1	29.2709	4.4780	0.0345
SF	44.0914	3	14.6971	2.2484	0.0807
SR	0.3907	1	0.3907	0.0598	0.8070
FR	15.3163	3	5.1054	0.7810	0.5043
ERROR	23806.4341	3641	6.5366		
CSF	41.0756	3	13.6919	2.0961	0.0986
CSR	16.2188	1	16.2188	2.4830	0.1156
CFR	21.4243	3	7.1414	1.0933	0.3506
SFR	12.3038	3	4.1013	0.6279	0.5969
ERROR	23724.2041	3631	6.5320		
CSFR	10.3630	3	3.4543	0.5286	0.6624
ERROR	23713.8411	3628	6.5345		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 158

TGI SCALE F (HISTORY, LITERATURE), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	202702.0000	3592			
MEAN	172615.8899	1	172615.8899	20608.7148	0.0000
ERROR	30086.1101	3591	8.3759		
CUR	2593.6487	1	2593.6487	407.3616	0.0000
SEX	105.2862	1	105.2862	16.5364	0.0001
F.ED	661.5254	3	220.5085	34.6333	0.0000
RACE	1280.2103	1	1280.2103	201.0714	0.0000
ERROR	22831.8499	3585	6.3669		
CS	0.0001	1	0.0001	0.0000	0.9966
CF	26.9877	3	8.9959	1.4199	0.2350
CR	26.7201	1	26.7201	4.2175	0.0401
SF	40.7598	3	13.5866	2.1445	0.0926
SR	1.6124	1	1.6124	0.2545	0.6140
FR	66.8840	3	22.2947	3.5190	0.0146
ERROR	22642.9990	3573	6.3355		
CSF	18.2072	3	6.0691	0.9583	0.4113
CSR	47.0414	1	47.0414	7.4276	0.0065
CFR	4.8128	3	1.6043	0.2533	0.8590
SFR	9.4306	3	3.1435	0.4963	0.6845
ERROR	22571.8938	3563	6.3333		
CSFR	4.6898	3	1.5633	0.2467	0.8639
ERROR	22567.2040	3560	6.3373		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 159

TGI SCALE F (HISTORY, LITERATURE), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	206838.0000	3539			
MEAN	180987.8314	1	180987.8314	24778.0078	0.0000
ERROR	25850.1686	3538	7.3044		
CUR	2520.7006	1	2520.7006	473.1672	0.0000
SEX	245.4990	1	245.4990	46.0832	0.0001
F.ED	425.9895	3	141.9965	26.6545	0.0000
RACE	1308.6144	1	1308.6144	245.6434	0.0000
ERROR	18821.3204	3532	5.3273		
CS	1.6987	1	1.6987	0.3211	0.5711
CF	34.5167	3	11.5056	2.1748	0.0890
CR	56.6265	1	56.6265	10.7035	0.0012
SF	70.0443	3	23.3481	4.4132	0.0042
SR	0.0374	1	0.0374	0.0071	0.9331
FR	0.4345	3	0.1448	0.0274	0.9938
ERROR	18627.7302	3520	5.2905		
CSF	17.6317	3	5.8772	1.1148	0.3417
CSR	53.0810	1	53.0810	10.0680	0.0016
CFR	50.5726	3	16.8575	3.1974	0.0226
SFR	9.0488	3	3.0163	0.5721	0.6333
ERROR	18510.8259	3510	5.2722		
CSFR	2.4594	3	0.8198	0.1554	0.9261
ERROR	18508.3665	3507	5.2760		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 160

TGI SCALE F (HISTORY, LITERATURE), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	263756.0000	3569			
MEAN	230661.0224	1	230661.0224	24874.7344	0.0000
ERROR	33094.9776	3568	9.2729		
CUR	2778.1373	1	2778.1373	429.7244	0.0000
SEX	615.4365	1	615.4365	95.1962	0.0000
F.ED	760.0393	3	253.3464	39.1878	0.0000
RACE	2425.1279	1	2425.1279	375.1206	0.0000
ERROR	23034.5280	3562	6.4649		
CS	38.0854	1	38.0854	5.9027	0.0153
CF	26.6580	3	8.8860	1.3772	0.2478
CR	14.4025	1	14.4025	2.2322	0.1356
SF	23.0969	3	7.6990	1.1932	0.3108
SR	0.0041	1	0.0041	0.0006	0.9800
FR	21.3007	3	7.1002	1.1004	0.3476
ERROR	22911.7745	3550	6.4522		
CSF	13.3080	3	4.4360	0.6869	0.5598
CSR	2.1314	1	2.1314	0.3300	0.5657
CFR	25.4995	3	8.4998	1.3161	0.2673
SFR	2.2344	3	0.7448	0.1153	0.9511
ERROR	22869.1321	3540	6.4584		
CSFR	5.8301	3	1.9434	0.3007	0.8248
ERROR	22863.3020	3537	6.4622		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 161

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1834	7.49	2.79	0.0	15.00	3.91	5.48	7.42	9.54	11.26
NON-ACADEMIC	1827	5.52	2.57	0.0	14.00	2.35	3.64	5.28	7.29	9.06
MALES	1721	6.77	2.98	0.0	15.00	2.98	4.54	6.62	8.91	10.86
FEMALES	1940	6.27	2.72	0.0	14.00	2.79	4.28	6.14	8.16	10.05
ELEM F.ED.	1049	5.76	2.63	0.0	15.00	2.52	3.85	5.49	7.47	9.36
HS F.ED.	961	6.42	2.83	0.0	14.00	2.85	4.36	6.23	8.36	10.36
COLL F.ED.	1234	7.57	2.75	0.0	15.00	3.97	5.61	7.58	9.58	11.22
D.K.F.ED.	417	5.42	2.73	0.0	14.00	2.18	3.38	5.17	7.19	9.25
BLACK	580	4.26	2.17	0.0	12.00	1.52	2.74	4.13	5.63	7.20
WHITE	3081	6.93	2.77	0.0	15.00	3.43	4.87	6.82	8.89	10.68
NOT IN SAMPLE	5103	5.87	2.87	0.0	15.00	2.26	3.76	5.61	7.78	9.84

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.89	2.14	0.0	8.00	0.77	2.67	4.50	5.14	6.70
A	M	ELEM	W	160	7.12	2.95	0.0	15.00	3.28	4.85	7.11	9.26	10.50
A	M	HS	B	30	5.87	2.60	1.00	12.00	2.83	4.13	5.70	7.62	9.00
A	M	HS	W	228	7.61	2.84	1.00	14.00	3.96	5.61	7.54	9.74	11.65
A	M	COLL	B	20	5.30	2.34	1.00	10.00	2.50	3.83	5.10	6.50	8.50
A	M	COLL	W	397	8.59	2.70	1.00	15.00	5.17	6.66	8.53	10.55	12.23
A	M	D.K.	B	16	4.31	1.30	3.00	7.00	3.00	3.17	4.17	5.25	6.20
A	M	D.K.	W	38	7.92	2.80	4.00	14.00	4.45	5.60	7.70	9.80	12.23
A	F	ELEM	B	36	4.97	2.29	0.0	10.00	2.15	3.30	4.39	6.93	7.85
A	F	ELEM	W	147	6.67	2.67	0.0	14.00	3.54	4.79	6.35	8.44	10.53
A	F	HS	B	26	4.77	2.30	1.00	10.00	1.90	2.88	4.70	6.33	7.97
A	F	HS	W	187	7.44	2.55	2.00	14.00	4.06	5.63	7.29	9.19	10.87
A	F	COLL	B	15	5.07	1.79	1.00	9.00	3.00	4.38	5.08	5.92	7.00
A	F	COLL	W	447	7.93	2.37	1.00	14.00	4.82	6.17	7.95	9.75	11.07
A	F	D.K.	B	13	4.62	2.50	0.0	9.00	0.60	3.63	4.88	6.25	7.35
A	F	D.K.	W	56	6.84	2.42	1.00	12.00	4.10	5.00	6.39	8.50	10.30
N	M	ELEM	B	54	3.85	1.98	0.0	9.00	1.38	2.44	3.79	4.94	6.65
N	M	ELEM	W	239	5.77	2.39	0.0	13.00	2.81	4.02	5.49	7.36	9.05
N	M	HS	B	50	4.38	2.09	0.0	10.00	1.67	2.86	4.30	5.87	6.50
N	M	HS	W	171	6.18	2.77	0.0	14.00	2.70	4.01	5.89	8.21	10.06
N	M	COLL	B	21	5.48	2.18	0.0	9.00	3.52	4.15	5.20	7.25	8.47
N	M	COLL	W	141	7.11	2.62	0.0	13.00	3.74	5.02	7.16	9.08	10.59
N	M	D.K.	B	52	3.69	2.31	0.0	10.00	0.67	1.83	3.50	5.50	6.47
N	M	D.K.	W	86	5.56	2.39	0.0	12.00	2.74	3.62	5.33	7.27	8.63
N	F	ELEM	B	86	3.93	1.85	0.0	9.00	1.63	2.62	3.70	5.23	6.66
N	F	ELEM	W	309	5.67	2.37	0.0	12.00	2.53	3.98	5.53	7.44	8.79
N	F	HS	B	56	4.18	1.91	0.0	9.00	1.73	2.83	4.12	5.32	6.90
N	F	HS	W	213	5.81	2.57	0.0	13.00	2.66	4.09	5.58	7.54	9.34
N	F	COLL	B	22	3.59	2.06	0.0	8.00	1.10	2.00	3.50	5.00	6.40
N	F	COLL	W	171	5.90	2.45	1.00	12.00	2.86	3.99	5.83	7.65	9.22
N	F	D.K.	B	65	3.49	2.02	0.0	9.00	1.08	2.31	3.16	4.58	6.25
N	F	D.K.	W	91	6.04	2.47	1.00	14.00	2.91	4.20	6.00	7.62	9.20
TOTAL				3661	6.51	2.85	0.0	15.00	2.87	4.40	6.35	8.47	10.40

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 162

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	7.74	2.71	0.0	15.00	4.07	5.87	7.78	9.79	11.26
NON-ACADEMIC	1789	5.71	2.50	0.0	14.00	2.55	3.86	5.60	7.41	9.05
MALES	1682	7.12	2.91	0.0	15.00	3.22	4.97	7.13	9.32	10.99
FEMALES	1911	6.39	2.65	0.0	14.00	2.91	4.47	6.29	8.21	10.02
ELEM F.ED.	1032	6.10	2.62	0.0	14.00	2.74	4.14	5.99	7.88	9.68
HS F.ED.	948	6.60	2.79	0.0	15.00	2.94	4.59	6.46	8.53	10.47
COLL F.ED.	1210	7.74	2.64	0.0	14.00	4.19	5.87	7.75	9.75	11.21
D.K.F.ED.	403	5.61	2.76	0.0	14.00	2.07	3.53	5.47	7.53	9.27
BLACK	561	4.52	2.25	0.0	12.00	1.70	2.85	4.37	5.99	7.53
WHITE	3032	7.14	2.70	0.0	15.00	3.57	5.18	7.09	9.09	10.80
NOT IN SAMPLE	4373	5.76	2.85	0.0	15.00	2.26	3.62	5.46	7.66	9.76

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	4.33	2.25	2.00	11.00	2.10	2.80	3.83	5.13	7.10
A	M	ELEM	W	155	7.47	2.82	0.0	14.00	3.73	5.61	7.53	9.51	11.08
A	M	HS	B	29	4.79	2.47	0.0	10.00	1.68	2.62	5.00	6.32	8.05
A	M	HS	W	224	8.21	2.62	1.00	15.00	4.77	6.29	8.17	10.20	11.55
A	M	COLL	B	19	5.95	2.12	2.00	12.00	3.95	4.75	5.43	7.12	8.20
A	M	COLL	W	388	8.95	2.37	2.00	14.00	5.77	7.19	9.26	10.75	11.85
A	M	D.K.	B	15	5.13	2.77	1.00	10.00	1.25	2.88	5.63	6.75	9.00
A	M	D.K.	W	38	7.95	2.56	3.00	14.00	4.20	6.14	7.93	9.67	11.30
A	F	ELEM	B	35	5.17	2.23	1.00	9.00	2.25	3.61	5.12	6.81	8.33
A	F	ELEM	W	145	6.88	2.88	0.0	13.00	2.92	4.85	6.91	9.11	10.56
A	F	HS	B	27	5.19	2.34	0.0	11.00	2.07	3.85	5.20	6.56	7.80
A	F	HS	W	185	7.48	2.51	2.00	13.00	4.27	5.68	7.29	9.26	11.08
A	F	COLL	B	15	5.07	2.25	0.0	8.00	1.75	4.25	5.60	6.35	7.75
A	F	COLL	W	443	7.95	2.37	2.00	14.00	4.77	6.27	7.99	9.62	11.09
A	F	D.K.	B	12	5.92	2.57	3.00	10.00	3.10	3.75	4.50	8.50	9.40
A	F	D.K.	W	56	7.39	2.65	2.00	13.00	3.80	5.75	7.39	9.10	11.10
N	M	ELEM	B	54	4.78	2.49	0.0	11.00	1.35	3.38	4.62	6.31	7.80
N	M	ELEM	W	235	6.18	2.49	1.00	12.00	2.87	4.22	6.13	8.10	9.53
N	M	HS	B	46	4.78	2.30	1.00	10.00	1.42	3.20	4.75	6.27	7.63
N	M	HS	W	170	6.61	2.58	1.00	14.00	3.25	4.72	6.50	8.48	10.06
N	M	COLL	B	21	5.14	2.50	0.0	9.00	2.05	3.56	4.88	7.69	8.47
N	M	COLL	W	134	7.25	2.59	1.00	13.00	3.66	5.63	7.35	8.89	10.73
N	M	D.K.	B	51	3.55	1.90	0.0	8.00	0.94	2.25	3.46	4.87	6.15
N	M	D.K.	W	85	5.64	2.62	1.00	14.00	2.20	3.75	5.56	7.35	8.86
N	F	ELEM	B	85	4.22	1.92	0.0	11.00	1.85	2.89	4.22	5.34	6.60
N	F	ELEM	W	305	5.92	2.20	1.00	14.00	3.07	4.38	5.92	7.25	8.60
N	F	HS	B	55	4.09	2.06	1.00	10.00	1.82	2.55	3.56	5.39	7.00
N	F	HS	W	212	5.63	2.40	0.0	13.00	2.63	3.84	5.56	7.29	8.82
N	F	COLL	B	21	4.19	1.89	1.00	8.00	1.78	2.62	4.08	5.42	6.95
N	F	COLL	W	169	5.99	2.22	0.0	11.00	3.26	4.43	5.90	7.40	8.91
N	F	D.K.	B	58	3.81	2.06	0.0	9.00	1.55	2.13	3.68	5.55	6.34
N	F	D.K.	W	86	5.88	2.29	1.00	11.00	2.94	4.28	5.41	7.67	9.03
TOTAL				3593	6.73	2.80	0.0	15.00	3.03	4.67	6.66	8.73	10.54

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 163

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	7.68	2.69	1.00	15.00	4.00	5.82	7.73	9.53	11.29
NON-ACADEMIC	1765	5.36	2.54	0.0	14.00	2.17	3.45	5.16	7.10	8.86
MALES	1659	6.96	2.85	0.0	15.00	3.08	4.81	7.01	9.03	10.84
FEMALES	1881	6.13	2.81	0.0	15.00	2.57	4.03	5.98	8.10	9.94
ELEM F.ED.	984	5.70	2.63	0.0	15.00	2.34	3.73	5.53	7.40	9.31
HS F.ED.	935	6.39	2.83	0.0	14.00	2.76	4.25	6.23	8.34	10.30
COLL F.ED.	1216	7.67	2.67	0.0	15.00	4.02	5.86	7.74	9.45	11.28
D.K.F.ED.	405	5.38	2.79	0.0	14.00	1.98	3.25	4.93	7.49	9.27
BLACK	572	4.24	2.27	0.0	11.00	1.50	2.61	3.99	5.69	7.33
WHITE	2968	6.96	2.75	0.0	15.00	3.27	4.93	6.95	8.90	10.75
NOT IN SAMPLE	4844	5.65	2.75	0.0	15.00	2.19	3.58	5.41	7.47	9.45

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	5.06	2.66	1.00	10.00	1.35	3.06	4.88	7.25	8.80
A	M	ELEM	W	151	7.32	2.67	1.00	15.00	3.81	5.54	7.15	9.32	10.69
A	M	HS	B	30	5.50	2.69	2.00	11.00	2.64	3.29	4.83	7.33	10.00
A	M	HS	W	219	8.11	2.46	2.00	14.00	4.83	6.34	8.17	9.79	11.44
A	M	COLL	B	20	5.95	2.63	1.00	10.00	2.83	4.00	5.50	8.50	9.50
A	M	COLL	W	393	8.71	2.32	2.00	14.00	5.83	7.13	8.61	10.59	11.83
A	M	D.K.	B	16	4.94	1.53	3.00	7.00	3.00	3.50	5.00	6.25	6.97
A	M	D.K.	W	37	8.03	2.63	2.00	13.00	4.20	6.66	8.00	9.75	11.60
A	F	ELEM	B	36	4.94	2.41	1.00	10.00	1.77	2.83	5.00	6.50	8.63
A	F	ELEM	W	126	6.75	2.85	1.00	13.00	2.97	4.72	6.67	8.79	10.84
A	F	HS	B	27	5.04	2.44	1.00	10.00	1.40	3.05	5.58	6.75	7.80
A	F	HS	W	179	7.44	2.76	2.00	14.00	3.67	5.35	7.38	9.31	11.51
A	F	COLL	B	13	5.15	2.30	2.00	10.00	2.65	3.58	4.67	6.25	8.35
A	F	COLL	W	444	7.99	2.50	1.00	15.00	4.83	6.28	7.96	9.63	11.38
A	F	D.K.	B	12	6.33	2.64	2.00	11.00	2.70	4.50	6.50	8.17	9.30
A	F	D.K.	W	55	6.96	2.24	2.00	12.00	3.60	5.44	7.33	8.53	9.60
N	M	ELEM	B	55	4.71	2.15	1.00	10.00	1.89	2.84	4.82	6.28	7.43
N	M	ELEM	W	220	5.89	2.43	0.0	12.00	2.70	4.18	5.84	7.47	9.19
N	M	HS	B	50	4.34	2.38	0.0	11.00	1.67	2.73	3.90	5.75	7.83
N	M	HS	W	163	6.12	2.60	1.00	12.00	2.72	4.08	6.03	7.88	9.74
N	M	COLL	B	21	4.48	1.99	2.00	9.00	2.03	2.92	4.20	5.75	7.40
N	M	COLL	W	135	7.11	2.61	1.00	13.00	3.21	5.31	7.29	8.99	10.45
N	M	D.K.	B	50	3.90	2.02	0.0	9.00	1.00	2.73	3.86	5.29	6.36
N	M	D.K.	W	82	5.85	2.83	1.00	14.00	2.70	3.72	5.17	8.00	9.97
N	F	ELEM	B	86	3.38	1.80	0.0	9.00	1.16	2.02	3.25	4.75	5.77
N	F	ELEM	W	293	5.26	2.22	0.0	12.00	2.56	3.62	5.16	6.81	8.21
N	F	HS	B	56	3.57	2.00	0.0	8.00	0.93	2.13	3.35	5.07	6.40
N	F	HS	W	211	5.43	2.25	1.00	12.00	2.51	3.89	5.23	6.85	8.42
N	F	COLL	B	20	3.35	1.87	0.0	6.00	0.83	2.00	3.17	5.00	6.00
N	F	COLL	W	170	6.19	2.34	1.00	13.00	3.15	4.52	6.07	7.90	9.15
N	F	D.K.	B	63	3.13	1.62	0.0	7.00	0.98	1.84	3.11	4.14	5.42
N	F	D.K.	W	90	5.24	2.70	1.00	13.00	2.00	3.15	4.81	7.08	9.17
TOTAL				3540	6.52	2.86	0.0	15.00	2.77	4.38	6.48	8.55	10.44

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 164

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	9.07	2.54	0.0	15.00	5.73	7.29	9.12	10.94	12.38
NON-ACADEMIC	1770	7.08	2.37	0.0	14.00	3.96	5.50	7.11	8.70	10.15
MALES	1676	8.25	2.80	0.0	15.00	4.60	6.32	8.27	10.27	11.98
FEMALES	1894	7.93	2.50	1.00	15.00	4.67	6.17	7.91	9.63	11.31
ELEM F.ED.	1045	7.51	2.35	0.0	14.00	4.56	5.90	7.54	9.03	10.51
HS F.ED.	955	7.96	2.57	1.00	15.00	4.54	6.20	7.96	9.75	11.36
COLL F.ED.	1231	9.05	2.59	1.00	15.00	5.57	7.22	9.14	10.98	12.39
D.K.F.ED.	339	6.67	2.74	0.0	14.00	3.36	4.72	6.55	8.57	10.27
BLACK	548	6.11	2.32	0.0	13.00	3.08	4.51	6.10	7.72	9.01
WHITE	3022	8.44	2.55	0.0	15.00	5.13	6.66	8.44	10.23	11.86
NOT IN SAMPLE	3409	7.41	2.68	0.0	15.00	3.88	5.59	7.35	9.20	11.00

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	7.00	2.57	0.0	10.00	3.30	5.75	7.50	8.88	9.60
A	M	ELEM	W	160	8.49	2.45	1.00	14.00	5.35	6.79	8.38	10.20	11.75
A	M	HS	B	30	6.90	2.71	2.00	12.00	3.00	5.00	7.10	8.42	10.50
A	M	HS	W	228	9.28	2.52	2.00	14.00	6.07	7.53	9.50	11.12	12.47
A	M	COLL	B	20	7.95	2.37	5.00	13.00	5.50	6.10	7.25	9.50	11.50
A	M	COLL	W	397	10.11	2.36	4.00	15.00	6.85	8.61	10.27	11.88	13.09
A	M	D.K.	B	11	6.18	1.83	3.00	9.00	3.60	4.88	6.25	7.62	8.45
A	M	D.K.	W	25	8.52	2.42	4.00	13.00	5.00	6.81	8.80	10.42	11.37
A	F	ELEM	B	37	6.68	1.86	3.00	10.00	3.93	5.31	7.00	8.06	8.65
A	F	ELEM	W	147	8.53	2.45	3.00	14.00	5.11	6.95	8.55	10.14	11.98
A	F	HS	B	26	6.58	2.53	2.00	13.00	3.03	4.88	6.50	8.58	9.23
A	F	HS	W	185	8.78	2.38	3.00	15.00	5.82	7.01	8.84	10.54	11.94
A	F	COLL	B	15	6.60	2.41	2.00	12.00	3.00	5.38	6.67	7.92	9.00
A	F	COLL	W	447	9.41	2.25	4.00	15.00	6.49	7.78	9.43	11.06	12.38
A	F	D.K.	B	12	8.17	2.41	4.00	12.00	4.70	6.50	8.50	10.00	10.45
A	F	D.K.	W	42	8.52	2.86	1.00	14.00	4.70	6.92	8.64	10.40	12.20
N	M	ELEM	B	54	6.07	2.28	2.00	11.00	3.30	4.25	6.07	7.57	9.30
N	M	ELEM	W	236	7.24	2.27	0.0	13.00	4.53	5.84	7.33	8.63	10.15
N	M	HS	B	48	6.40	2.47	2.00	13.00	3.13	4.50	6.30	8.33	9.55
N	M	HS	W	170	7.46	2.32	1.00	13.00	4.17	6.00	7.69	8.93	10.32
N	M	COLL	B	21	5.05	2.09	2.00	10.00	2.20	3.75	4.88	6.19	7.95
N	M	COLL	W	141	8.21	2.55	2.00	14.00	4.74	6.44	8.42	10.04	11.29
N	M	D.K.	B	42	4.50	2.55	0.0	13.00	1.57	2.85	4.50	6.00	7.40
N	M	D.K.	W	75	6.79	2.48	0.0	13.00	4.00	5.15	6.61	8.54	10.11
N	F	ELEM	B	64	6.23	1.82	1.00	11.00	3.84	4.96	6.20	7.62	8.36
N	F	ELEM	W	309	7.46	2.08	2.00	14.00	4.76	5.98	7.44	8.95	10.08
N	F	HS	B	55	5.87	2.05	1.00	12.00	3.20	4.34	5.96	7.41	8.25
N	F	HS	W	213	7.44	2.13	2.00	12.00	4.70	5.88	7.54	9.05	10.27
N	F	COLL	B	21	5.43	1.78	2.00	9.00	3.05	4.25	5.25	6.85	7.48
N	F	COLL	W	169	7.59	2.29	1.00	13.00	4.72	6.14	7.61	9.07	10.79
N	F	D.K.	B	54	5.26	2.00	1.00	9.00	2.58	3.94	5.32	6.78	7.82
N	F	D.K.	W	78	6.96	2.44	3.00	14.00	3.91	4.85	6.33	8.71	10.19
TOTAL				3570	8.08	2.65	0.0	15.00	4.64	6.23	8.07	9.94	11.62

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 165

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	184806.0000	3660			
MEAN	154982.7834	1	154982.7834	19019.9727	0.0000
ERROR	29823.2166	3659	8.1484		
CUR	1602.8875	1	1602.8875	253.7878	0.0000
SEX	142.4929	1	142.4929	22.5611	0.0001
F.ED	597.2867	3	199.0956	31.5231	0.0000
RACE	1990.8061	1	1990.8061	315.2075	0.0000
ERROR	23078.1368	3653	6.3159		
CS	1.2343	1	1.2343	0.1966	0.6576
CF	33.8542	3	11.2847	1.7971	0.1455
CR	37.0344	1	37.0344	5.8978	0.0153
SF	83.3445	3	27.7815	4.4243	0.0042
SR	0.4805	1	0.4805	0.0765	0.7822
FR	27.5081	3	9.1694	1.4602	0.2234
ERROR	22869.4208	3641	6.2794		
CSF	51.3808	3	17.1269	2.7292	0.0425
CSR	9.5634	1	9.5634	1.5239	0.2175
CFR	5.1479	3	1.7160	0.2734	0.8447
SFR	16.0929	3	5.3643	0.8548	0.4637
ERROR	22792.1936	3631	6.2754		
CSFR	36.6552	3	12.2184	1.9486	0.1196
ERROR	22755.5384	3628	6.2705		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 166

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	190845.0000	3592			
MEAN	162684.9389	1	162684.9389	20751.5234	0.0000
ERROR	28160.0611	3591	7.8397		
CUR	1777.7785	1	1777.7785	297.3047	0.0000
SEX	363.5760	1	363.5760	60.8022	0.0000
F.ED	433.7077	3	144.5692	24.1769	0.0000
RACE	1844.9316	1	1844.9316	308.5349	0.0000
ERROR	21443.0260	3585	5.9797		
CS	2.7273	1	2.7273	0.4617	0.4970
CF	80.4936	3	26.8312	4.5424	0.0036
CR	59.0094	1	59.0094	9.9900	0.0016
SF	110.3212	3	36.7737	6.2256	0.0004
SR	13.9949	1	13.9949	2.3693	0.1242
FR	11.8943	3	3.9648	0.6712	0.5696
ERROR	21111.1022	3573	5.9069		
CSF	17.2745	3	5.7582	0.9746	0.4036
CSR	23.7783	1	23.7783	4.0247	0.0450
CFR	12.9352	3	4.3117	0.7298	0.5339
SFR	3.0895	3	1.0298	0.1743	0.9139
ERROR	21056.2273	3563	5.9080		
CSFR	10.5696	3	3.5232	0.5961	0.6174
ERROR	21045.6577	3560	5.9100		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 167

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	179480.0000	3539			
MEAN	150580.6157	1	150580.6157	18439.9961	0.0000
ERROR	28899.3843	3538	8.1660		
CUR	2261.8433	1	2261.8433	383.5449	0.0000
SEX	429.4384	1	429.4384	72.8207	0.0000
F.ED	595.4967	3	198.4989	33.6598	0.0000
RACE	1867.6955	1	1867.6955	316.7085	0.0000
ERROR	20834.8148	3532	5.8972		
CS	5.7776	1	5.7776	0.9816	0.3221
CF	33.0926	3	11.0309	1.8740	0.1318
CR	10.8626	1	10.8626	1.8455	0.1746
SF	5.6222	3	1.8741	0.3184	0.8120
SR	0.2628	1	0.2628	0.0446	0.8328
FR	46.8479	3	15.6160	2.6530	0.0470
ERROR	20725.1871	3520	5.8862		
CSF	1.7727	3	0.5909	0.1003	0.9600
CSR	20.1238	1	20.1238	3.4157	0.0648
CFR	9.9579	3	3.3193	0.5634	0.6391
SFR	11.3247	3	3.7749	0.6407	0.5885
ERROR	20685.1835	3510	5.8915		
CSFR	17.5700	3	5.8567	0.9941	0.3945
ERROR	20667.6135	3507	5.8916		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TGI SCALE G (RECREATION, ENTERTAINMENT), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	258234.0000	3569			
MEAN	233175.7121	1	233175.7121	33210.7188	0.0000
ERROR	25058.2879	3568	7.0211		
CUR	1776.5728	1	1776.5728	326.7991	0.0000
SEX	40.4463	1	40.4463	7.4401	0.0066
F.ED	473.5407	3	157.8469	29.0358	0.0000
RACE	1302.3629	1	1302.3629	239.5685	0.0000
ERROR	19369.4747	3562	5.4363		
CS	10.7415	1	10.7415	2.0035	0.1572
CF	83.6638	3	27.8879	5.2015	0.0015
CR	11.6241	1	11.6241	2.1681	0.1413
SF	84.3450	3	28.1150	5.2439	0.0014
SR	0.5365	1	0.5365	0.1001	0.7518
FR	60.8638	3	20.2879	3.7840	0.0102
ERROR	19038.6395	3550	5.3615		
CSF	4.5431	3	1.5144	0.2825	0.8382
CSR	0.0034	1	0.0034	0.0006	0.9798
CFR	33.8151	3	11.2717	2.1024	0.0979
SFR	18.2367	3	6.0789	1.1338	0.3340
ERROR	18984.9801	3540	5.3615		
CSFR	22.3175	3	7.4392	1.3880	0.2445
ERROR	18962.6626	3537	5.3597		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 169

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 5, 1961

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1834	6.64	2.65	0.0	15.00	3.43	4.68	6.35	8.46	10.33
NON-ACADEMIC	1827	4.88	2.09	0.0	13.00	2.34	3.36	4.75	6.21	7.56
MALES	1721	5.94	2.74	0.0	15.00	2.63	3.90	5.64	7.68	9.90
FEMALES	1940	5.60	2.34	0.0	13.00	2.76	3.92	5.36	7.07	8.82
ELEM F.ED.	1049	5.18	2.24	0.0	14.00	2.43	3.59	4.97	6.56	8.17
HS F.ED.	961	5.72	2.55	0.0	15.00	2.74	3.90	5.41	7.13	9.29
COLL F.ED.	1234	6.59	2.59	0.0	15.00	3.39	4.67	6.35	8.38	10.19
D.K.F.ED.	417	4.87	2.36	0.0	13.00	2.02	3.17	4.64	6.15	8.23
BLACK	580	4.21	1.87	0.0	13.00	1.89	2.87	4.07	5.36	6.64
WHITE	3081	6.05	2.55	0.0	15.00	2.93	4.21	5.79	7.67	9.64
NOT IN SAMPLE	5103	5.23	2.49	0.0	15.00	2.22	3.43	4.96	6.77	8.67

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	3.67	1.61	1.00	7.00	1.40	2.33	3.90	4.80	5.34
A	M	ELEM	W	160	6.38	2.72	0.0	14.00	2.77	4.31	6.27	8.24	10.25
A	M	HS	B	30	4.50	2.36	1.00	10.00	2.00	2.94	4.00	5.40	8.50
A	M	HS	W	228	6.93	2.91	0.0	15.00	3.53	4.88	6.43	9.02	10.82
A	M	COLL	B	20	5.55	1.85	2.00	9.00	3.50	4.25	5.50	6.50	8.50
A	M	COLL	W	397	7.59	2.68	1.00	15.00	4.07	5.66	7.51	9.66	11.12
A	M	D.K.	B	16	3.75	1.65	0.0	6.00	1.10	2.83	4.17	5.00	5.40
A	M	D.K.	W	38	6.71	2.55	2.00	13.00	3.70	4.81	6.30	8.43	9.70
A	F	ELEM	B	36	5.14	1.87	1.00	9.00	2.77	3.70	5.12	6.50	7.63
A	F	ELEM	W	147	5.93	2.63	1.00	13.00	2.47	4.05	5.69	7.78	9.66
A	F	HS	B	26	5.04	2.01	2.00	9.00	2.65	3.57	4.50	6.62	7.90
A	F	HS	W	187	6.51	2.40	1.00	12.00	3.63	4.80	6.21	8.07	10.05
A	F	COLL	B	15	5.20	2.65	3.00	13.00	3.00	3.65	4.40	5.62	9.00
A	F	COLL	W	447	6.78	2.35	1.00	13.00	3.83	5.00	6.53	8.43	9.99
A	F	D.K.	B	13	5.00	2.08	1.00	8.00	1.80	3.81	5.00	6.75	7.40
A	F	D.K.	W	56	6.32	2.42	1.00	13.00	3.57	4.63	6.14	7.90	9.40
N	M	ELEM	B	54	3.94	1.65	1.00	8.00	1.84	2.64	3.83	5.11	6.27
N	M	ELEM	W	239	4.86	1.98	1.00	10.00	2.30	3.41	4.77	6.19	7.42
N	M	HS	B	50	4.20	1.56	1.00	8.00	2.07	2.95	4.20	5.45	6.20
N	M	HS	W	171	5.13	2.35	0.0	13.00	2.50	3.39	4.94	6.66	8.31
N	M	COLL	B	21	4.24	1.92	0.0	8.00	2.51	2.96	4.00	5.25	7.13
N	M	COLL	W	141	5.99	2.36	0.0	12.00	2.84	4.33	6.02	7.55	9.19
N	M	D.K.	B	52	3.60	1.77	0.0	7.00	1.20	2.17	3.50	5.05	5.97
N	M	D.K.	W	86	4.56	2.27	1.00	11.00	2.02	3.08	4.24	5.47	7.35
N	F	ELEM	B	86	4.03	1.84	0.0	9.00	1.78	2.71	3.88	5.21	6.57
N	F	ELEM	W	309	5.08	1.79	1.00	10.00	2.81	3.80	4.96	6.37	7.45
N	F	HS	B	56	4.34	1.72	0.0	9.00	2.40	3.23	4.29	5.23	6.60
N	F	HS	W	213	5.16	2.08	0.0	13.00	2.66	3.65	5.11	6.39	7.62
N	F	COLL	B	22	3.41	1.47	0.0	6.00	1.80	2.56	3.25	4.20	5.77
N	F	COLL	W	171	5.20	2.09	1.00	13.00	2.64	3.76	5.06	6.55	7.91
N	F	D.K.	B	65	3.77	1.61	1.00	8.00	1.79	2.57	3.47	4.97	6.06
N	F	D.K.	W	91	5.18	2.26	1.00	12.00	2.51	3.55	4.90	6.53	8.48
TOTAL				3661	5.76	2.54	0.0	15.00	2.70	3.91	5.47	7.33	9.35

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 170

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1804	6.18	2.78	0.0	14.00	2.64	4.15	6.00	8.05	10.05
NON-ACADEMIC	1789	4.28	2.22	0.0	13.00	1.58	2.61	4.10	5.67	7.40
MALES	1682	5.54	2.84	0.0	14.00	2.00	3.42	5.24	7.40	9.42
FEMALES	1911	4.97	2.53	0.0	14.00	1.85	3.09	4.73	6.55	8.48
ELEM F.ED.	1032	4.68	2.38	0.0	14.00	1.81	2.89	4.46	6.17	7.84
HS F.ED.	948	5.06	2.65	0.0	14.00	1.84	3.08	4.77	6.69	8.78
COLL F.ED.	1210	6.14	2.80	0.0	14.00	2.49	4.14	5.98	8.06	9.91
D.K.F.ED.	403	4.38	2.45	0.0	13.00	1.57	2.60	4.05	5.73	7.85
BLACK	561	3.55	2.01	0.0	12.00	1.15	2.07	3.30	4.77	6.23
WHITE	3032	5.55	2.68	0.0	14.00	2.18	3.60	5.30	7.31	9.25
NOT IN SAMPLE	4373	4.54	2.60	0.0	15.00	1.56	2.69	4.15	6.03	8.15

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	2.78	1.31	1.00	5.00	1.00	1.67	2.83	3.67	4.60
A	M	ELEM	W	155	5.97	2.91	0.0	14.00	2.25	3.75	5.84	7.67	10.55
A	M	HS	B	29	4.07	2.27	1.00	12.00	1.77	2.39	3.43	5.29	6.55
A	M	HS	W	224	6.37	2.78	1.00	14.00	2.96	4.36	6.13	8.11	10.63
A	M	COLL	B	19	4.63	2.22	1.00	10.00	2.40	3.19	4.20	5.62	8.05
A	M	COLL	W	388	7.33	2.81	1.00	14.00	3.69	5.38	7.28	9.25	11.18
A	M	D.K.	B	15	3.93	1.87	1.00	7.00	1.25	2.75	3.88	5.12	6.75
A	M	D.K.	W	38	6.68	2.78	0.0	13.00	3.66	4.75	6.12	8.42	10.34
A	F	ELEM	B	35	4.26	2.29	1.00	10.00	1.75	2.58	3.62	5.58	7.33
A	F	ELEM	W	145	5.49	2.46	0.0	13.00	2.45	3.57	5.56	7.09	8.62
A	F	HS	B	27	4.56	2.72	0.0	11.00	1.84	2.59	3.44	6.81	8.65
A	F	HS	W	185	5.87	2.67	0.0	14.00	2.63	3.95	5.41	7.73	9.62
A	F	COLL	B	15	3.80	2.60	0.0	8.00	0.25	1.75	4.00	5.75	7.25
A	F	COLL	W	443	6.37	2.49	1.00	13.00	3.11	4.59	6.29	8.13	9.73
A	F	D.K.	B	12	4.58	3.03	1.00	12.00	1.10	2.50	4.17	6.00	7.30
A	F	D.K.	W	56	5.41	2.48	0.0	12.00	2.59	3.72	5.08	7.00	8.70
N	M	ELEM	B	54	4.00	2.15	1.00	9.00	1.53	2.11	3.50	5.75	7.01
N	M	ELEM	W	235	4.56	2.18	0.0	10.00	1.89	2.96	4.37	5.90	7.73
N	M	HS	B	46	3.35	1.74	0.0	7.00	0.90	2.14	3.40	4.45	5.78
N	M	HS	W	170	4.57	2.33	0.0	10.00	1.55	2.83	4.37	6.10	8.21
N	M	COLL	B	21	4.14	1.80	0.0	7.00	1.55	3.12	4.40	5.45	6.22
N	M	COLL	W	134	5.22	2.53	0.0	12.00	1.84	3.53	5.13	7.04	8.41
N	M	D.K.	B	51	3.37	1.74	0.0	9.00	1.51	2.15	3.27	4.18	5.47
N	M	D.K.	W	85	4.39	2.46	0.0	12.00	1.64	2.35	4.03	6.07	7.94
N	F	ELEM	B	85	3.16	1.70	0.0	9.00	1.05	1.93	3.08	4.22	5.18
N	F	ELEM	W	305	4.44	1.97	0.0	11.00	1.89	2.97	4.33	5.81	7.02
N	F	HS	B	55	3.07	1.74	0.0	8.00	0.89	1.73	2.91	4.41	5.25
N	F	HS	W	212	4.44	2.24	0.0	11.00	1.72	2.71	4.27	5.91	7.70
N	F	COLL	B	21	2.71	1.85	0.0	6.00	0.68	1.21	2.38	3.87	5.80
N	F	COLL	W	169	4.59	2.41	0.0	13.00	1.55	2.98	4.30	5.99	8.01
N	F	D.K.	B	58	2.90	1.54	0.0	6.00	0.85	1.75	2.81	4.11	5.08
N	F	D.K.	W	88	4.32	2.13	0.0	10.00	1.70	2.83	4.12	5.50	7.14
TOTAL				3593	5.24	2.69	0.0	14.00	1.92	3.23	4.96	6.97	8.99

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 171

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	7.76	2.43	0.0	15.00	4.59	6.09	7.82	9.44	10.92
NON-ACADEMIC	1765	5.95	2.27	0.0	13.00	2.98	4.36	5.85	7.48	9.05
MALES	1659	6.97	2.64	0.0	15.00	3.59	5.01	6.92	8.83	10.47
FEMALES	1881	6.76	2.41	0.0	15.00	3.58	5.07	6.73	8.48	9.93
ELEM F.ED.	984	6.30	2.32	1.00	13.00	3.27	4.62	6.21	7.92	9.43
HS F.ED.	935	6.69	2.43	0.0	14.00	3.62	4.95	6.64	8.37	10.00
COLL F.ED.	1216	7.75	2.45	0.0	15.00	4.60	6.04	7.80	9.40	10.95
D.K.F.ED.	405	5.95	2.64	0.0	14.00	2.56	4.04	5.75	7.74	9.43
BLACK	572	4.94	2.17	0.0	13.00	2.20	3.35	4.83	6.38	7.86
WHITE	2968	7.23	2.42	0.0	15.00	4.08	5.50	7.20	8.93	10.40
NOT IN SAMPLE	4844	6.02	2.57	0.0	14.00	2.66	4.18	5.93	7.78	9.42

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	5.59	2.21	3.00	11.00	3.35	3.95	5.00	6.87	8.80
A	M	ELEM	W	151	7.25	2.54	1.00	13.00	3.71	5.48	7.25	9.21	10.58
A	M	HS	B	30	5.30	2.28	2.00	12.00	2.50	3.78	4.83	6.75	7.50
A	M	HS	W	219	7.74	2.34	2.00	14.00	4.60	6.11	7.77	9.47	10.82
A	M	COLL	B	20	6.30	3.06	0.0	13.00	2.50	4.50	6.00	8.25	10.00
A	M	COLL	W	393	8.62	2.32	1.00	15.00	5.72	7.00	8.52	10.29	11.74
A	M	D.K.	B	16	5.38	1.31	3.00	8.00	3.70	4.50	5.30	6.25	7.20
A	M	D.K.	W	37	8.81	2.28	3.00	14.00	6.35	7.25	8.71	10.25	11.93
A	F	ELEM	B	36	5.28	2.39	1.00	10.00	2.15	3.50	5.00	7.50	8.40
A	F	ELEM	W	126	7.34	2.25	2.00	13.00	4.63	5.83	7.14	8.97	10.43
A	F	HS	B	27	5.70	2.63	1.00	10.00	1.40	3.87	5.80	7.81	9.15
A	F	HS	W	179	7.64	2.08	2.00	14.00	4.88	6.18	7.62	9.20	10.33
A	F	COLL	B	13	6.23	2.42	1.00	10.00	3.65	4.63	6.67	7.87	9.20
A	F	COLL	W	444	8.09	2.18	1.00	15.00	5.26	6.55	8.20	9.49	10.84
A	F	D.K.	B	12	6.17	2.08	3.00	9.00	3.10	4.50	6.17	8.00	8.45
A	F	D.K.	W	55	7.67	2.64	0.0	12.00	4.25	5.94	7.87	9.37	11.25
N	M	ELEM	B	55	4.87	1.97	1.00	9.00	2.40	3.15	4.94	6.42	7.33
N	M	ELEM	W	220	6.22	2.12	1.00	12.00	3.65	4.60	6.14	7.63	9.22
N	M	HS	B	50	4.96	2.42	0.0	10.00	2.50	3.33	4.72	6.60	8.50
N	M	HS	W	163	6.07	2.37	0.0	12.00	2.98	4.49	5.97	7.68	9.25
N	M	COLL	B	21	5.10	1.64	2.00	8.00	2.87	3.92	5.08	6.19	7.45
N	M	COLL	W	135	6.92	2.53	2.00	13.00	3.61	4.93	6.86	8.89	10.20
N	M	D.K.	B	50	4.14	1.75	0.0	8.00	1.79	2.86	4.23	5.36	6.36
N	M	D.K.	W	82	5.83	2.28	2.00	12.00	2.87	4.21	5.65	7.29	8.70
N	F	ELEM	B	86	4.63	1.83	1.00	9.00	2.16	3.23	4.68	5.77	7.18
N	F	ELEM	W	293	6.34	2.07	1.00	12.00	3.61	4.84	6.25	7.88	9.10
N	F	HS	B	56	4.91	1.98	0.0	11.00	2.55	3.32	5.00	6.42	7.17
N	F	HS	W	211	6.48	2.10	1.00	11.00	4.00	4.95	6.26	7.92	9.56
N	F	COLL	B	20	4.45	2.24	2.00	9.00	2.00	2.50	4.00	5.50	8.00
N	F	COLL	W	170	6.46	1.99	2.00	11.00	3.62	5.14	6.50	7.79	8.95
N	F	D.K.	B	63	4.29	2.13	0.0	10.00	1.64	2.65	4.42	5.66	6.95
N	F	D.K.	W	90	6.07	2.41	1.00	11.00	2.79	4.35	6.04	7.87	9.25
TOTAL				3540	6.86	2.52	0.0	15.00	3.58	5.04	6.82	8.62	10.21

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 172

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1800	6.89	1.59	0.0	11.00	4.76	5.83	6.99	8.06	8.94
NON-ACADEMIC	1770	5.16	1.55	0.0	9.00	3.07	4.03	5.14	6.28	7.28
MALES	1676	6.32	1.84	0.0	10.00	3.76	5.06	6.40	7.70	8.65
FEMALES	1894	5.78	1.72	1.00	11.00	3.52	4.56	5.77	7.06	8.09
ELEM F.ED.	1045	5.46	1.56	0.0	10.00	3.40	4.40	5.41	6.52	7.45
HS F.ED.	955	5.94	1.72	1.00	10.00	3.64	4.71	5.99	7.20	8.17
COLL F.ED.	1231	6.88	1.64	1.00	11.00	4.66	5.80	7.02	8.11	8.97
D.K.F.ED.	339	4.99	1.89	0.0	10.00	2.68	3.58	4.85	6.33	7.65
BLACK	548	4.24	1.49	0.0	9.00	2.43	3.13	4.16	5.23	6.25
WHITE	3022	6.36	1.65	0.0	11.00	4.12	5.16	6.39	7.55	8.47
NOT IN SAMPLE	3410	5.49	1.82	0.0	10.00	3.02	4.13	5.53	6.85	7.96

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	4.94	1.55	0.0	7.00	3.30	4.57	5.21	5.92	6.37
A	M	ELEM	W	160	6.51	1.60	2.00	10.00	4.41	5.50	6.62	7.63	8.43
A	M	HS	B	30	4.97	1.83	2.00	8.00	2.50	3.40	5.00	6.58	7.33
A	M	HS	W	228	7.17	1.37	2.00	10.00	5.54	6.23	7.16	8.13	9.01
A	M	COLL	B	20	5.55	1.54	3.00	9.00	3.50	4.77	5.23	6.17	7.50
A	M	COLL	W	397	7.76	1.30	3.00	10.00	5.88	6.84	7.90	8.74	9.36
A	M	D.K.	B	11	4.55	1.37	2.00	7.00	2.60	3.75	4.63	5.31	6.40
A	M	D.K.	W	25	6.96	1.51	4.00	10.00	5.00	5.82	6.88	8.12	9.00
A	F	ELEM	B	37	4.92	1.14	3.00	7.00	3.43	4.03	4.91	5.81	6.42
A	F	ELEM	W	147	6.33	1.49	3.00	10.00	4.52	5.19	6.45	7.34	8.26
A	F	HS	B	26	4.69	1.64	2.00	8.00	2.62	3.40	4.50	6.00	6.97
A	F	HS	W	185	6.59	1.46	3.00	10.00	4.58	5.51	6.73	7.61	8.43
A	F	COLL	B	15	5.27	1.71	2.00	9.00	2.75	4.65	5.40	6.15	7.00
A	F	COLL	W	447	7.15	1.29	4.00	11.00	5.52	6.27	7.16	8.09	8.89
A	F	D.K.	B	12	5.67	1.23	4.00	8.00	4.10	4.75	5.50	6.50	7.40
A	F	D.K.	W	42	6.57	1.71	3.00	10.00	4.10	5.[illegible]6	6.75	7.69	8.47
N	M	ELEM	B	54	4.28	1.39	2.00	7.00	2.53	3.15	4.19	5.36	6.23
N	M	ELEM	W	236	5.48	1.35	2.00	9.00	3.61	4.59	5.50	6.41	7.25
N	M	HS	B	48	4.50	1.60	1.00	8.00	2.43	3.38	4.64	5.50	6.55
N	M	HS	W	170	5.81	1.46	2.00	9.00	3.86	4.75	5.83	6.94	7.83
N	M	COLL	B	21	4.24	1.55	2.00	8.00	2.20	3.06	4.20	5.25	6.13
N	M	COLL	W	141	6.43	1.40	3.00	9.00	4.33	5.62	6.60	7.42	8.16
N	M	D.K.	B	42	3.48	1.37	1.00	6.00	1.78	2.54	3.42	4.29	5.13
N	M	D.K.	W	75	5.17	1.77	0.0	9.00	3.00	3.98	5.22	6.39	7.45
N	F	ELEM	B	84	3.82	1.11	2.00	7.00	2.34	2.98	3.81	4.56	5.30
N	F	ELEM	W	309	5.23	1.22	2.00	9.00	3.59	4.42	5.20	6.11	6.91
N	F	HS	B	55	3.76	1.04	2.00	6.00	2.42	2.98	3.76	4.42	5.22
N	F	HS	W	213	5.33	1.30	2.00	8.00	3.65	4.39	5.27	6.29	7.16
N	F	COLL	B	21	3.57	1.43	1.00	8.00	2.05	2.75	3.33	4.25	5.13
N	F	COLL	W	169	5.54	1.39	3.00	9.00	3.70	4.60	5.41	6.47	7.51
N	F	D.K.	B	24	3.52	1.19	1.00	7.00	1.98	2.78	3.45	4.28	5.07
N	F	D.K.	W	73	5.12	1.58	2.00	9.00	3.08	3.92	5.00	6.20	7.40
TOTAL				3570	6.03	1.79	0.0	11.00	3.61	4.75	6.07	7.35	8.37

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 173

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 5, 1961

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	145169.0000	3660			
MEAN	121481.9832	1	121481.9832	18770.7813	0.0000
ERROR	23687.0168	3659	6.4719		
CUR	1497.5830	1	1497.5830	281.2458	0.0000
SEX	52.8265	1	52.8265	9.9208	0.0017
F.ED	327.9649	3	109.3216	20.5306	0.0000
RACE	813.0421	1	813.0421	152.6892	0.0000
ERROR	19456.8748	3653	5.3248		
CS	10.6522	1	10.6522	2.0241	0.1550
CF	24.6371	3	8.2124	1.5605	0.1969
CR	45.6100	1	45.6100	8.6665	0.0033
SF	97.3572	3	32.4524	6.1664	0.0004
SR	11.6537	1	11.6537	2.2144	0.1370
FR	15.2001	3	5.0667	0.9627	0.4093
ERROR	19167.1171	3641	5.2628		
CSF	11.2480	3	3.7493	0.7130	0.5440
CSR	45.0980	1	45.0980	8.5762	0.0035
CFR	13.5571	3	4.5190	0.8594	0.4613
SFR	3.6533	3	1.2178	0.2316	0.8744
ERROR	19098.8787	3631	5.2585		
CSFR	10.9605	3	3.6535	0.6946	0.5550
ERROR	19087.9183	3628	5.2598		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white.
*	no valid statistic (N < 5)

TABLE 174

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	124594.0000	3592			
MEAN	98578.3899	1	98578.3899	13610.8086	0.0000
ERROR	26015.6101	3591	7.2427		
CUR	1748.7380	1	1748.7380	297.6274	0.0000
SEX	203.5001	1	203.5001	34.6348	0.0001
F.ED	331.6491	3	110.5497	18.8151	0.0000
RACE	953.2337	1	953.2337	162.2363	0.0000
ERROR	21069.8599	3585	5.8756		
CS	6.4790	1	6.4790	1.1124	0.2919
CF	59.6394	3	19.8798	3.4132	0.0169
CR	57.7087	1	57.7087	9.9081	0.0017
SF	54.6045	3	18.2015	3.1250	0.0249
SR	0.5302	1	0.5302	0.0910	0.7629
FR	17.9619	3	5.9873	1.0280	0.3789
ERROR	20816.3562	3573	5.8244		
CSF	10.3649	3	3.4550	0.5942	0.6187
CSR	74.3484	1	74.3484	12.7859	0.0004
CFR	9.5381	3	3.1794	0.5468	0.6502
SFR	9.7890	3	3.2630	0.5611	0.6404
ERROR	20724.2197	3563	5.8149		
CSFR	13.5121	3	4.5040	0.7744	0.5079
ERROR	20710.7076	3560	5.8160		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 175

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	189035.0000	3539			
MEAN	166489.3634	1	166489.3634	26133.9102	0.0000
ERROR	22545.6366	3538	6.3706		
CUR	1451.6285	1	1451.6285	290.5071	0.0000
SEX	11.8976	1	11.8976	2.3810	0.1230
F.ED	287.1935	3	95.7312	19.1582	0.0000
RACE	1406.4255	1	1406.4255	281.4607	0.0000
ERROR	17653.9643	3532	4.9969		
CS	8.1254	1	8.1254	1.6407	0.2005
CF	91.6617	3	30.5539	6.1694	0.0005
CR	28.3974	1	28.3974	5.7339	0.0169
SF	50.8623	3	16.9541	3.4233	0.0166
SR	0.1907	1	0.1907	0.0385	0.8445
FR	8.2199	3	2.7400	0.5532	0.6458
ERROR	17437.8300	3520	4.9525		
CSF	16.0140	3	5.3380	1.0775	0.3574
CSR	13.8026	1	13.8026	2.7860	0.0955
CFR	6.1875	3	2.0625	0.4163	0.7410
SFR	8.8196	3	2.9399	0.5934	0.6192
ERROR	17394.4308	3510	4.9543		
CSFR	11.3860	3	3.7953	0.7659	0.5127
ERROR	17383.0447	3507	4.9553		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 176

TGI SCALE H (GOVERNMENT, PUBLIC AFFAIRS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	141426.0000	3569			
MEAN	129939.7906	1	129939.7906	40374.9297	0.0000
ERROR	11486.2094	3568	3.2183		
CUR	1307.0221	1	1307.0221	673.6895	0.0000
SEX	168.0302	1	168.0302	86.6092	0.0000
F.ED	337.9519	3	112.6506	58.0645	0.0000
RACE	1135.4533	1	1135.4533	585.2563	0.0000
ERROR	6912.5578	3562	1.9401		
CS	3.3916	1	3.3916	1.7721	0.1835
CF	29.6723	3	9.8908	5.1679	0.0016
CR	5.3142	1	5.3142	2.7766	0.0961
SF	42.7246	3	14.2415	7.4411	0.0001
SR	0.6266	1	0.6266	0.3274	0.5673
FR	20.6286	3	6.8762	3.5928	0.0131
ERROR	6796.2701	3550	1.9139		
CSF	3.7567	3	1.2522	0.6544	0.5800
CSR	6.3356	1	6.3356	3.3107	0.0690
CFR	6.7076	3	2.2359	1.1684	0.3203
SFR	4.7355	3	1.5785	0.8248	0.4799
ERROR	6776.2771	3540	1.9137		
CSFR	3.5422	3	1.1807	0.6168	0.6039
ERROR	6772.7348	3537	1.9143		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 177

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	48.40	9.85	32.01	81.29	36.92	40.80	46.57	55.65	61.91
NON-ACADEMIC	1546	50.51	9.92	32.01	86.98	38.08	42.96	49.91	57.25	63.91
MALES	1507	43.31	7.13	32.01	77.50	34.49	38.48	42.57	47.22	53.68
FEMALES	1711	54.79	8.91	33.90	86.98	42.91	47.71	54.95	60.76	66.84
ELEM F.ED.	928	49.92	10.19	32.01	83.19	37.72	42.21	48.74	57.11	64.20
HS F.ED.	844	49.18	9.54	32.01	79.40	37.74	41.88	47.42	56.40	61.90
COLL F.ED.	1129	48.90	9.94	32.01	86.98	37.07	41.08	47.49	56.00	61.85
D.K.F.ED.	317	50.38	10.14	32.01	77.50	37.86	42.43	48.94	56.66	65.67
BLACK	368	53.78	9.37	33.90	81.29	42.17	46.23	53.75	60.09	67.36
WHITE	2850	48.85	9.87	32.01	86.98	37.07	41.18	47.20	55.98	62.17
NOT IN SAMPLE	3703	50.51	10.03	32.01	85.08	38.37	42.78	49.55	57.16	64.28

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	45.59	8.70	33.90	68.02	37.75	40.00	44.17	49.17	52.17
A	M	ELEM	W	149	42.25	6.64	32.01	69.92	33.94	38.42	41.74	45.84	51.18
A	M	HS	B	18	49.07	6.24	37.69	58.54	40.50	44.00	48.75	54.00	56.70
A	M	HS	W	210	42.14	6.31	32.01	62.33	34.25	37.89	41.58	46.03	51.67
A	M	COLL	B	17	49.07	7.90	37.69	64.23	40.33	43.54	47.08	55.94	60.75
A	M	COLL	W	370	41.43	5.95	32.01	62.33	33.75	37.66	41.01	45.33	50.08
A	M	D.K.	B	9	47.59	7.39	39.59	60.44	39.59	41.25	45.00	54.37	58.00
A	M	D.K.	W	34	41.37	6.14	32.01	52.86	33.28	36.11	41.25	46.11	50.75
A	F	ELEM	B	24	59.57	8.61	43.38	73.71	46.50	54.50	60.50	65.83	70.17
A	F	ELEM	W	138	53.83	9.09	33.90	73.71	42.04	46.40	53.36	60.42	66.62
A	F	HS	B	18	55.38	9.35	41.48	68.02	42.00	46.67	56.25	61.88	68.02
A	F	HS	W	176	54.00	8.72	33.90	79.40	42.76	47.02	54.34	60.13	65.12
A	F	COLL	B	9	60.86	11.56	39.59	81.29	42.00	55.63	60.00	66.25	78.00
A	F	COLL	W	427	54.26	8.50	35.80	77.50	42.83	47.34	54.60	59.74	66.02
A	F	D.K.	B	10	58.16	7.08	45.27	68.02	47.50	53.33	57.50	65.00	67.50
A	F	D.K.	W	51	52.97	9.60	33.90	73.71	40.60	44.42	53.18	59.82	67.37
N	M	ELEM	B	41	47.77	6.76	33.90	62.33	38.88	43.58	47.00	52.36	57.42
N	M	ELEM	W	212	43.55	7.65	32.01	77.50	34.37	38.24	43.09	47.68	54.00
N	M	HS	B	34	49.23	6.80	37.69	62.33	40.33	43.75	48.21	54.58	59.10
N	M	HS	W	158	44.48	7.45	32.01	73.71	35.22	39.26	43.67	48.42	54.91
N	M	COLL	B	16	49.90	7.49	35.80	66.13	40.50	45.83	50.50	55.00	59.50
N	M	COLL	W	126	42.78	6.95	32.01	64.23	34.06	38.29	42.13	47.10	52.68
N	M	D.K.	B	28	51.43	7.61	41.48	68.02	42.94	45.28	50.00	55.83	63.00
N	M	D.K.	W	73	43.59	6.98	32.01	60.44	34.71	38.39	42.19	48.30	53.71
N	F	ELEM	B	61	59.35	7.76	43.38	79.40	50.92	54.31	58.28	63.59	71.12
N	F	ELEM	W	291	54.34	9.25	33.90	83.19	41.90	47.24	54.82	60.99	66.17
N	F	HS	B	33	56.36	9.17	33.90	69.92	43.58	48.12	57.14	63.44	69.20
N	F	HS	W	197	54.40	8.54	33.90	75.60	43.14	47.13	54.88	60.45	65.53
N	F	COLL	B	7	59.90	12.75	39.59	73.71	41.00	51.25	60.00	70.62	73.71
N	F	COLL	W	157	55.56	8.32	33.90	86.98	44.47	49.87	55.11	60.39	66.27
N	F	D.K.	B	31	57.14	9.71	39.59	77.50	45.25	50.63	55.56	65.62	71.40
N	F	D.K.	W	81	55.03	9.69	33.90	77.50	41.94	46.83	54.52	62.34	69.08
TOTAL				3213	49.41	9.94	32.01	86.98	37.58	41.71	47.97	55.48	62.73

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 178

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1778	48.85	10.01	30.87	78.94	35.97	40.51	48.99	56.59	61.97
NON-ACADEMIC	1763	50.62	9.98	30.87	78.94	37.48	42.42	51.08	57.96	63.55
MALES	1659	42.19	6.57	30.87	71.55	34.10	37.53	41.35	47.06	51.59
FEMALES	1882	56.38	7.54	32.72	78.94	47.61	51.47	56.42	61.19	66.55
ELEM F.ED.	982	50.27	10.16	30.87	78.94	36.67	41.94	50.45	58.06	63.68
HS F.ED.	936	49.58	9.68	30.87	77.10	37.30	41.63	49.85	56.76	62.08
COLL F.ED.	1219	49.16	10.23	30.87	78.94	35.86	40.46	49.48	57.11	62.22
D.K.F.ED.	404	50.50	9.83	30.87	77.10	37.77	42.50	50.58	57.58	62.92
BLACK	571	53.02	9.66	30.87	77.10	40.11	45.75	52.97	60.09	66.64
WHITE	2970	49.10	9.98	30.87	78.94	36.02	40.72	49.42	56.75	61.99
NOT IN SAMPLE	4827	50.20	9.98	30.87	82.64	37.56	41.93	50.19	57.59	63.46

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	45.92	7.19	34.57	64.15	38.00	39.82	43.33	49.69	54.00
A	M	ELEM	W	151	42.18	6.64	30.87	67.85	34.09	37.32	41.15	47.88	51.65
A	M	HS	B	30	46.57	7.90	34.57	71.55	38.61	41.11	45.63	50.71	55.83
A	M	HS	W	219	41.87	6.21	30.87	62.30	34.04	37.62	41.37	46.66	51.19
A	M	COLL	B	20	44.55	7.21	30.87	58.61	35.00	39.50	45.00	50.50	55.00
A	M	COLL	W	395	40.46	5.92	30.87	62.30	33.48	36.05	39.84	44.37	49.51
A	M	D.K.	B	15	43.32	3.59	34.57	49.36	38.33	42.08	44.44	46.53	48.75
A	M	D.K.	W	37	40.93	5.60	32.72	54.91	34.35	37.13	39.74	42.17	50.57
A	F	ELEM	B	36	59.02	6.43	43.81	67.85	49.50	55.50	59.69	62.50	67.00
A	F	ELEM	W	126	55.96	7.20	38.27	71.55	48.01	50.71	55.67	60.70	66.20
A	F	HS	B	27	58.76	8.46	38.27	73.40	48.67	53.96	59.58	65.75	70.37
A	F	HS	W	180	55.32	7.01	38.27	77.10	47.60	50.36	55.11	60.00	63.75
A	F	COLL	B	13	61.02	8.75	49.36	75.25	49.67	53.13	60.00	66.87	74.25
A	F	COLL	W	445	55.93	7.46	34.57	78.94	47.08	51.15	56.12	60.79	65.73
A	F	D.K.	B	13	60.88	7.74	47.51	75.25	52.88	55.31	60.00	66.87	71.75
A	F	D.K.	W	54	53.78	7.41	40.12	71.55	42.83	48.75	54.26	58.64	62.32
N	M	ELEM	B	55	46.18	7.03	32.72	64.15	37.69	40.87	45.89	51.35	55.56
N	M	ELEM	W	219	41.29	6.26	30.87	62.30	33.53	36.36	40.85	45.99	50.62
N	M	HS	B	50	45.93	6.51	34.57	56.76	37.50	40.38	45.68	52.22	55.42
N	M	HS	W	163	42.58	6.61	30.87	64.15	34.32	37.95	41.79	47.12	51.84
N	M	COLL	B	21	46.81	5.01	38.27	54.91	39.00	41.25	47.78	50.69	52.44
N	M	COLL	W	135	41.71	6.56	30.87	67.85	34.31	37.66	40.79	45.82	51.18
N	M	D.K.	B	50	46.50	6.35	36.42	62.30	38.41	41.82	46.73	50.78	55.00
N	M	D.K.	W	82	42.38	6.85	30.87	58.61	33.87	37.11	41.30	48.47	51.89
N	F	ELEM	B	85	58.76	8.02	38.27	77.10	48.96	53.68	59.00	64.20	69.79
N	F	ELEM	W	293	56.17	7.69	32.72	78.94	47.31	50.88	56.15	61.29	66.11
N	F	HS	B	56	58.19	8.10	38.27	75.25	48.00	53.50	58.21	63.93	69.62
N	F	HS	W	211	55.93	7.29	34.57	73.40	47.77	51.83	56.10	60.61	65.71
N	F	COLL	B	20	58.61	7.25	45.66	73.40	49.17	53.50	58.33	62.50	67.50
N	F	COLL	W	170	56.37	7.27	36.42	77.10	47.70	52.63	56.29	60.89	66.25
N	F	D.K.	B	63	58.59	7.56	43.81	77.10	49.15	53.48	58.68	63.28	69.43
N	F	D.K.	W	90	56.14	7.76	36.42	77.10	45.66	50.89	56.10	60.87	67.50
TOTAL				3541	49.73	10.03	30.87	78.94	36.61	41.36	50.00	57.30	62.47

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 179

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1793	49.09	9.95	30.74	77.19	36.08	40.98	48.70	57.57	62.68
NON-ACADEMIC	1727	50.82	10.06	30.74	84.34	37.42	42.95	50.63	59.30	64.58
MALES	1646	42.13	6.68	30.74	71.83	34.12	37.51	41.67	46.42	51.04
FEMALES	1874	56.79	7.04	34.31	84.34	47.64	51.31	57.55	61.96	66.48
ELEM F.ED.	1054	50.80	9.99	30.74	84.34	37.58	43.00	50.56	59.18	64.49
HS F.ED.	962	49.66	9.81	30.74	75.40	36.90	41.86	49.23	58.20	63.33
COLL F.ED.	1237	49.22	10.17	30.74	75.40	35.81	40.85	48.88	57.79	63.07
D.K.F.ED.	267	50.89	10.20	30.74	75.40	36.70	42.94	50.94	59.42	64.44
BLACK	513	53.58	9.34	30.74	84.34	41.79	46.56	52.63	60.90	66.45
WHITE	3007	49.32	10.02	30.74	77.19	36.17	41.11	48.98	57.92	63.10
NOT IN SAMPLE	3362	50.07	9.96	30.74	80.76	37.55	42.34	49.49	58.67	63.95

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	46.72	6.32	36.10	59.33	37.00	43.44	46.25	50.63	55.50
A	M	ELEM	W	161	42.78	6.79	32.53	71.83	34.94	38.24	42.35	46.81	51.39
A	M	HS	B	30	45.63	6.39	34.31	57.54	36.25	41.00	45.83	50.31	54.17
A	M	HS	W	228	41.59	6.13	30.74	62.90	34.03	37.14	41.40	46.18	50.32
A	M	COLL	B	20	46.19	8.12	30.74	61.11	34.17	40.00	47.50	52.50	56.25
A	M	COLL	W	398	40.52	6.02	30.74	61.11	33.57	36.26	40.05	44.36	48.64
A	M	D.K.	B	6	43.71	4.66	37.89	48.61	39.00	41.25	44.17	46.67	48.61
A	M	D.K.	W	21	40.41	5.57	34.31	53.42	34.31	36.25	39.69	43.44	47.37
A	F	ELEM	B	37	59.08	6.41	48.61	71.83	50.14	54.38	59.46	63.25	68.80
A	F	ELEM	W	147	56.70	6.86	39.67	77.19	47.77	51.33	57.56	61.64	65.90
A	F	HS	B	27	59.20	7.47	41.46	73.62	49.20	54.37	60.25	64.75	69.67
A	F	HS	W	187	55.91	6.94	37.89	73.62	46.40	50.38	56.82	61.34	65.56
A	F	COLL	B	15	61.82	7.60	45.03	75.40	53.33	57.08	61.88	66.56	71.25
A	F	COLL	W	449	55.70	6.92	34.31	75.40	46.70	50.39	56.02	61.14	65.46
A	F	D.K.	B	11	59.16	8.16	45.03	75.40	47.75	51.88	59.38	63.12	67.25
A	F	D.K.	W	38	55.56	7.77	39.67	73.62	44.30	50.00	55.68	60.94	66.50
N	M	ELEM	B	55	46.81	6.39	32.53	64.68	37.86	42.99	46.81	50.63	55.00
N	M	ELEM	W	240	41.42	6.18	30.74	62.90	34.05	37.32	40.99	45.47	49.81
N	M	HS	B	50	47.16	6.12	36.10	68.26	40.00	43.48	46.20	50.00	57.50
N	M	HS	W	171	42.08	7.10	30.74	68.26	34.27	37.65	41.34	46.25	51.47
N	M	COLL	B	21	47.65	7.10	36.10	64.68	37.63	41.56	48.44	51.72	57.25
N	M	COLL	W	141	41.64	6.69	30.74	61.11	33.55	37.20	41.59	45.88	50.13
N	M	D.K.	B	23	45.30	7.61	36.10	68.26	36.10	39.69	44.44	47.92	54.25
N	M	D.K.	W	63	41.75	7.15	30.74	59.33	33.22	36.17	41.33	46.33	52.25
N	F	ELEM	B	87	58.46	7.67	39.67	84.34	48.34	52.42	59.35	63.30	68.58
N	F	ELEM	W	309	57.24	6.73	36.10	75.40	48.29	51.96	57.46	62.42	66.75
N	F	HS	B	56	58.32	6.34	43.25	71.83	48.94	53.50	59.17	63.50	67.83
N	F	HS	W	213	56.58	6.88	37.89	75.40	46.97	51.38	57.34	61.81	65.99
N	F	COLL	B	22	61.92	8.21	43.25	73.62	52.75	56.88	62.50	68.75	73.62
N	F	COLL	W	171	56.48	7.24	36.10	75.40	46.28	50.70	57.12	61.61	66.72
N	F	D.K.	B	35	58.18	7.24	46.82	75.40	48.75	51.38	58.75	63.39	67.14
N	F	D.K.	W	70	57.23	6.57	39.67	73.62	48.33	52.69	58.50	62.00	66.14
TOTAL				3520	49.94	10.04	30.74	84.34	36.64	41.88	49.64	58.48	63.73

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 180

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8175109.5242	3217			
MEAN	7857450.5255	1	7857450.5255	79574.0000	0.0000
ERROR	317658.9986	3216	98.7439		
CUR	1016.7435	1	1016.7435	16.0865	0.0001
SEX	104454.4940	1	104454.4940	1652.6348	0.0000
F.ED	21.3617	3	7.1206	0.1127	0.9527
RACE	7125.0480	1	7125.0480	112.7295	0.0000
ERROR	202950.6486	3210	63.2048		
CS	147.9326	1	147.9326	2.3502	0.1256
CF	78.1422	3	26.0474	0.4138	0.7428
CR	33.9839	1	33.9839	0.5399	0.4628
SF	468.6895	3	156.2298	2.4820	0.0592
SR	251.9379	1	251.9379	4.0025	0.0456
FR	230.6270	3	76.8757	1.2213	0.3003
ERROR	201363.5348	3198	62.9458		
CSF	55.6456	3	18.5485	0.2945	0.8293
CSR	9.0550	1	9.0550	0.1438	0.7047
CFR	12.9708	3	4.3236	0.0687	0.9767
SFR	450.6661	3	150.2220	2.3855	0.0673
ERROR	200824.5828	3188	62.9742		
CSFR	114.5663	3	38.1888	0.6062	0.6108
ERROR	200710.0165	3185	62.9975		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 181

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9113487.6604	3540			
MEAN	8757387.3435	1	8757387.3435	87057.3125	0.0000
ERROR	356100.3169	3539	100.5933		
CUR	165.8577	1	165.8577	3.4107	0.0650
SEX	175320.8198	1	175320.8198	3605.2939	0.0000
F.ED	55.5161	3	18.5054	0.3805	0.7670
RACE	5509.4788	1	5509.4788	113.2968	0.0000
ERROR	171853.8403	3533	48.6287		
CS	6.6547	1	6.6547	0.1372	0.7111
CF	253.6601	3	84.5534	1.7439	0.1559
CR	40.8103	1	40.8103	0.8417	0.3591
SF	419.7145	3	139.9048	2.8855	0.0344
SR	161.4014	1	161.4014	3.3288	0.0683
FR	22.1007	3	7.3669	0.1519	0.9285
ERROR	170766.7983	3521	48.4858		
CSF	128.3711	3	42.7904	0.8816	0.4497
CSR	117.5160	1	117.5160	2.4213	0.1202
CFR	59.0763	3	19.6921	0.4057	0.7488
SFR	45.5612	3	15.1871	0.3129	0.8159
ERROR	170453.9493	3511	48.5347		
CSFR	127.6837	3	42.5612	0.8768	0.4521
ERROR	170326.2656	3508	48.5398		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 182

BEQ SCALE 1 (FEMALE ACTIVITIES), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9132871.7747	3519			
MEAN	8778210.3164	1	8778210.3164	87098.5625	0.0000
ERROR	354661.4583	3518	100.7848		
CUR	177.3673	1	177.3673	3.8994	0.0486
SEX	185042.3677	1	185042.3677	4068.1082	0.0000
F.ED	276.8241	3	92.2747	2.0286	0.1078
RACE	5115.6093	1	5115.6093	112.4653	0.0000
ERROR	159792.5983	3512	45.4861		
CS	13.5562	1	13.5562	0.2998	0.5841
CF	239.6277	3	79.8759	1.7665	0.1514
CR	5.2959	1	5.2959	0.1171	0.7323
SF	119.4865	3	39.8288	0.8809	0.4501
SR	543.5125	1	543.5125	12.0204	0.0007
FR	390.5117	3	130.1706	2.8789	0.0348
ERROR	158300.8490	3500	45.2159		
CSF	146.5877	3	48.8626	1.0802	0.3562
CSR	117.8313	1	117.8313	2.6049	0.1068
CFR	14.6469	3	4.8823	0.1079	0.9554
SFR	106.1634	3	35.3878	0.7823	0.5034
ERROR	157911.3856	3490	45.2339		
CSFR	9.3081	3	3.1027	0.0685	0.9768
ERROR	157902.0776	3487	45.2701		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 183

BEQ SCALE 1 (FEMALE ACTIVITIES), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1575	48.71	8.99	31.80	73.21	36.96	40.83	48.38	55.73	60.90
NON-ACADEMIC	1437	50.59	8.86	31.80	74.36	38.32	43.37	50.81	57.59	61.78
MALES	1401	42.43	5.55	31.80	66.92	35.40	38.11	41.69	46.16	49.83
FEMALES	1611	55.85	6.32	36.66	74.36	47.43	51.77	56.01	60.13	64.12
ELEM F.ED.	863	50.33	9.08	31.80	73.59	37.91	42.80	49.97	57.81	62.32
HS F.ED.	820	49.45	8.61	31.80	71.76	37.96	42.26	49.64	56.03	60.98
COLL F.ED.	1115	49.06	9.19	31.80	74.36	36.90	40.84	48.92	56.36	60.92
D.K.F.ED.	214	50.15	8.65	32.44	74.22	38.37	43.41	50.19	56.71	61.30
BLACK	329	53.15	8.29	33.05	73.59	42.70	46.93	52.71	59.36	64.79
WHITE	2683	49.17	8.96	31.80	74.36	37.27	41.34	49.06	56.36	60.97
NOT IN SAMPLE	749	49.42	8.74	32.42	73.71	38.01	42.39	48.96	56.20	61.24

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	46.68	6.57	40.72	61.37	41.32	42.56	45.00	48.37	58.20
A	M	ELEM	W	140	42.49	5.64	31.80	64.92	35.50	38.18	41.68	45.75	48.87
A	M	HS	B	18	47.54	2.81	41.83	51.44	43.20	46.00	48.21	50.25	51.44
A	M	HS	W	201	41.83	5.22	31.80	61.28	35.07	37.99	41.05	45.68	49.16
A	M	COLL	B	17	46.29	6.76	34.97	56.38	36.20	41.75	47.40	51.75	55.95
A	M	COLL	W	367	40.77	4.73	31.80	56.24	34.88	37.06	39.96	43.64	47.50
A	M	D.K.	B	4	44.97	4.89	37.98	48.84	*	*	*	*	*
A	M	D.K.	W	17	39.75	3.61	34.28	45.98	35.02	36.94	39.25	42.25	44.80
A	F	ELEM	B	23	59.93	5.13	47.09	68.60	51.45	57.15	61.13	63.47	65.55
A	F	ELEM	W	117	55.33	6.39	42.08	71.08	46.89	50.84	54.98	59.87	63.57
A	F	HS	B	18	56.75	6.20	41.04	67.47	50.30	52.88	56.25	60.75	64.80
A	F	HS	W	169	55.11	6.10	39.79	71.76	47.55	51.02	54.91	59.83	63.12
A	F	COLL	B	8	61.21	7.85	47.13	72.33	48.90	55.50	61.50	66.00	71.10
A	F	COLL	W	423	55.34	6.20	37.99	73.21	47.06	51.66	55.36	59.28	63.54
A	F	D.K.	B	9	58.21	4.65	51.56	64.95	52.20	54.38	59.00	61.25	64.80
A	F	D.K.	W	33	53.94	5.81	41.04	67.67	47.47	50.34	53.75	57.87	61.27
N	M	ELEM	B	41	46.25	5.19	33.05	56.33	38.60	43.05	46.63	49.19	53.64
N	M	ELEM	W	194	42.21	5.31	31.80	56.46	35.39	37.85	41.64	45.69	49.30
N	M	HS	B	34	47.78	5.22	38.56	61.82	40.90	44.25	47.10	51.43	54.45
N	M	HS	W	151	43.25	5.78	33.03	66.92	35.86	38.81	42.75	46.86	50.86
N	M	COLL	B	16	48.14	5.14	36.72	60.67	42.30	46.50	48.00	49.50	54.60
N	M	COLL	W	121	42.13	5.68	31.84	60.05	35.40	38.09	41.02	45.89	49.48
N	M	D.K.	B	13	46.75	6.34	38.00	58.71	39.45	41.75	45.75	51.75	55.05
N	M	D.K.	W	56	42.74	5.43	32.44	53.97	35.46	38.65	42.30	46.93	50.70
N	F	ELEM	B	59	59.23	6.25	45.86	73.59	50.64	55.69	59.31	64.12	67.20
N	F	ELEM	W	278	55.90	6.45	36.72	71.11	46.90	51.70	56.54	60.38	64.00
N	F	HS	B	33	57.31	6.49	41.45	70.44	49.68	52.69	57.19	61.35	65.77
N	F	HS	W	196	55.63	6.18	37.24	70.47	47.40	51.67	55.82	59.83	63.38
N	F	COLL	B	7	61.87	10.00	44.68	71.73	45.60	54.75	66.00	69.37	71.40
N	F	COLL	W	156	56.12	5.99	40.30	74.36	47.90	52.91	56.48	59.70	63.79
N	F	D.K.	B	18	56.66	6.65	45.24	68.05	47.70	51.75	56.25	60.75	67.80
N	F	D.K.	W	64	55.49	6.58	36.66	74.22	47.43	50.25	55.50	60.14	63.80
TOTAL				3012	49.61	8.98	31.80	74.36	37.60	41.94	49.51	56.72	61.31

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 184

BEQ SCALE 1 (FEMALE ACTIVITIES), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1575	0.46	5.77	-18.86	21.23	-6.59	-3.35	0.45	4.10	7.95
NON-ACADEMIC	1437	0.27	6.10	-22.96	19.96	-7.64	-3.69	0.37	4.41	7.94
MALES	1401	-0.82	5.21	-22.96	16.64	-7.40	-3.92	-0.69	2.71	5.75
FEMALES	1611	1.41	6.31	-21.69	21.23	-6.71	-2.85	1.54	5.65	9.59
ELEM F.ED.	863	0.68	6.14	-22.96	21.23	-7.09	-3.31	1.04	4.75	8.18
HS F.ED.	820	0.26	5.95	-16.02	16.64	-7.45	-3.74	0.02	4.14	8.39
COLL F.ED.	1115	0.19	5.64	-18.06	17.83	-6.77	-3.44	0.23	3.77	7.46
D.K.F.ED.	214	0.52	6.48	-16.49	19.01	-7.51	-3.70	0.43	4.95	8.72
BLACK	329	-0.48	6.22	-21.69	18.24	-8.70	-4.70	-0.29	3.66	7.38
WHITE	2683	0.48	5.89	-22.96	21.23	-6.79	-3.41	0.50	4.34	8.01
NOT IN SAMPLE	749	0.10	6.08	-23.68	20.05	-7.75	-3.82	0.31	4.08	7.70

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	0.23	4.66	-6.48	6.30	-6.48	-4.50	1.00	4.25	5.90
A	M	ELEM	W	140	0.64	5.22	-18.86	15.37	-5.40	-2.35	0.69	3.44	7.43
A	M	HS	B	18	-1.80	6.49	-15.80	8.68	-9.20	-6.50	-2.00	3.50	7.20
A	M	HS	W	201	-0.45	4.61	-13.42	12.69	-6.42	-3.40	-0.32	2.88	5.54
A	M	COLL	B	17	-2.33	5.02	-9.33	11.51	-7.65	-6.38	-2.50	0.70	1.72
A	M	COLL	W	367	-0.63	4.69	-15.95	13.96	-6.31	-3.55	-0.62	2.45	5.73
A	M	D.K.	B	4	-1.98	4.05	-7.50	1.10	*	*	*	*	*
A	M	D.K.	W	17	0.49	4.21	-6.48	10.32	-5.30	-1.88	0.33	3.75	5.53
A	F	ELEM	B	23	0.46	6.70	-11.43	13.41	-9.70	-4.25	1.50	5.42	7.70
A	F	ELEM	W	117	2.21	6.45	-13.58	21.23	-6.15	-2.39	2.65	6.86	10.51
A	F	HS	B	18	1.46	8.08	-8.44	15.15	-7.47	-5.00	-1.33	11.00	14.40
A	F	HS	W	169	1.38	6.53	-16.02	16.26	-6.37	-3.43	1.45	5.85	10.22
A	F	COLL	B	8	0.48	7.59	-18.06	5.45	-15.61	1.00	2.50	3.50	4.40
A	F	COLL	W	423	1.09	6.14	-15.15	17.83	-6.12	-2.93	1.10	5.13	9.19
A	F	D.K.	B	9	0.46	6.91	-11.20	8.68	-10.20	-5.50	1.50	5.50	8.20
A	F	D.K.	W	33	0.96	8.50	-16.49	16.02	-9.80	-5.75	0.75	7.83	11.80
N	M	ELEM	B	41	-1.33	5.29	-14.76	7.41	-8.90	-4.38	-1.00	2.92	5.93
N	M	ELEM	W	194	-1.52	5.84	-22.96	11.58	-9.73	-4.78	-1.00	2.63	5.07
N	M	HS	B	34	-1.16	5.64	-11.92	8.98	-8.80	-5.67	-2.00	3.25	5.80
N	M	HS	W	151	-1.49	5.48	-14.53	13.96	-8.65	-5.32	-1.48	2.22	5.63
N	M	COLL	B	16	-1.64	5.76	-14.69	5.99	-9.40	-6.00	-0.50	2.00	4.93
N	M	COLL	W	121	-0.70	5.18	-14.84	15.37	-7.09	-3.89	-0.94	2.90	5.98
N	M	D.K.	B	13	-4.70	7.17	-16.26	8.21	-15.44	-9.50	-3.50	-0.83	3.40
N	M	D.K.	W	56	-1.16	5.82	-15.71	16.64	-7.47	-4.40	-1.78	2.50	6.56
N	F	ELEM	B	59	-0.27	6.42	-21.69	18.24	-8.60	-3.79	-0.11	3.79	7.40
N	F	ELEM	W	278	2.12	6.17	-15.61	19.96	-6.03	-1.96	2.76	5.98	9.45
N	F	HS	B	33	0.80	6.73	-10.02	12.93	-8.85	-3.17	0.20	6.37	10.85
N	F	HS	W	196	1.59	6.18	-15.29	16.64	-5.71	-2.78	1.44	5.91	9.92
N	F	COLL	B	7	2.48	2.79	-0.06	8.36	-0.06	0.75	2.33	3.50	8.36
N	F	COLL	W	156	0.68	6.19	-14.53	14.99	-8.09	-3.25	0.84	4.80	8.62
N	F	D.K.	B	18	1.52	5.81	-10.32	13.49	-6.40	-1.25	1.33	3.75	10.40
N	F	D.K.	W	64	2.71	5.62	-10.17	19.01	-4.87	-1.20	2.89	6.25	9.30
TOTAL				3012	0.37	5.93	-22.96	21.23	-7.12	-3.51	0.41	4.26	7.95

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 185

BEQ SCALE 1 (FEMALE ACTIVITIES), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7655108.2100	3011			
MEAN	7412539.6447	1	7412539.6447	92011.6875	0.0000
ERROR	242568.5653	3010	80.5608		
CUR	382.8036	1	382.8036	11.2629	0.0009
SEX	133858.5890	1	133858.5890	3938.3962	0.0000
F.ED	123.8854	3	41.2951	1.2150	0.3027
RACE	4165.8511	1	4165.8511	122.5679	0.0000
ERROR	102134.1954	3004	33.9881		
CS	22.2455	1	22.2455	0.6588	0.4171
CF	159.1987	3	53.0662	1.5716	0.1942
CR	29.3877	1	29.3877	0.8703	0.3512
SF	367.3435	3	122.4478	3.6263	0.0126
SR	151.0165	1	151.0165	4.4724	0.0346
FR	143.1157	3	47.7052	1.4128	0.2371
ERROR	101062.2903	2992	33.7662		
CSF	86.3117	3	28.7706	0.8515	0.4655
CSR	0.9646	1	0.9646	0.0285	0.8659
CFR	30.4826	3	10.1609	0.3007	0.8247
SFR	132.7705	3	44.2568	1.3098	0.2695
ERROR	100795.2449	2982	33.7899		
CSFR	19.6640	3	6.5547	0.1938	0.9006
ERROR	100775.5809	2979	33.8173		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 186

BEQ SCALE 1 (FEMALE ACTIVITIES), 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	106386.7005	3011			
MEAN	414.1367	1	414.1367	11.7669	0.0007
ERROR	105972.5637	3010	35.1951		
CUR	127.2768	1	127.2768	3.7609	0.0525
SEX	3746.9322	1	3746.9322	110.7189	0.0000
F.ED	239.7025	3	79.9008	2.3610	0.0696
RACE	286.7096	1	286.7096	8.4720	0.0038
ERROR	101694.6842	3004	33.8418		
CS	148.5460	1	148.5460	4.3944	0.0363
CF	106.4397	3	35.4799	1.0496	0.3694
CR	6.3905	1	6.3905	0.1890	0.6639
SF	85.0741	3	28.3580	0.8389	0.4722
SR	10.2159	1	10.2159	0.3022	0.5826
FR	74.2514	3	24.7505	0.7322	0.5326
ERROR	101173.2718	2992	33.8033		
CSF	197.1017	3	65.7006	1.9451	0.1202
CSR	15.2673	1	15.2673	0.4520	0.5015
CFR	15.9548	3	5.3183	0.1575	0.9247
SFR	184.8022	3	61.6007	1.8237	0.1406
ERROR	100757.0402	2982	33.7771		
CSFR	32.6984	3	10.8995	0.3225	0.8090
ERROR	100724.3418	2979	33.8001		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 187

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	50.36	9.57	34.78	80.64	38.05	42.90	49.31	56.99	65.10
NON-ACADEMIC	1546	48.89	9.88	34.78	80.64	36.79	40.83	47.58	55.14	63.98
MALES	1507	55.70	9.23	34.78	80.64	43.31	49.03	55.23	62.79	68.81
FEMALES	1711	44.33	6.58	34.78	69.72	35.49	39.00	43.64	48.83	52.47
ELEM F.ED.	928	48.67	9.53	34.78	80.64	36.68	40.96	47.77	54.47	62.90
HS F.ED.	844	49.82	9.93	34.78	80.64	37.46	41.84	48.41	56.94	65.13
COLL F.ED.	1129	50.55	9.70	34.78	78.46	38.15	42.77	49.50	56.89	65.49
D.K.F.ED.	317	48.91	9.82	34.78	76.27	37.16	41.15	47.54	55.34	63.93
BLACK	368	50.85	10.52	34.78	80.64	37.65	42.17	49.52	58.72	66.62
WHITE	2850	49.50	9.64	34.78	80.64	37.51	41.75	48.46	55.76	64.32
NOT IN SAMPLE	3703	50.30	10.21	34.78	80.64	37.12	41.94	49.21	57.41	66.13

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A *	M	ELEM	B	12	60.08	11.11	43.52	80.64	47.83	50.83	57.50	67.50	76.50
A	M	ELEM	W	149	54.20	8.32	36.96	71.91	42.78	48.43	53.56	61.31	66.77
A	M	HS	B	18	55.89	11.68	34.78	80.64	39.50	46.25	57.50	65.00	70.50
A	M	HS	W	210	55.99	8.94	34.78	76.27	44.04	49.03	56.05	62.77	68.59
A	M	COLL	B	17	58.55	10.92	34.78	76.27	41.00	50.63	60.63	67.08	71.33
A	M	COLL	W	370	56.21	8.81	34.78	78.46	43.86	49.69	55.63	63.32	68.47
A	M	D.K.	B	9	64.38	6.09	56.62	71.91	56.62	58.13	68.00	70.25	71.60
A	M	D.K.	W	34	53.98	10.17	36.96	71.91	39.83	46.00	55.00	62.14	67.10
A	F	ELEM	B	24	45.61	7.24	36.96	63.17	36.96	39.17	44.50	50.00	55.50
A	F	ELEM	W	138	44.97	5.94	34.78	58.80	36.33	40.00	45.15	49.76	52.28
A	F	HS	B	18	47.40	7.70	34.78	60.99	37.00	41.67	48.33	52.08	56.17
A	F	HS	W	176	44.36	6.36	34.78	65.35	35.64	39.24	43.80	48.12	52.25
A	F	COLL	B	9	44.24	5.78	36.96	56.62	37.00	39.58	43.33	47.08	53.00
A	F	COLL	W	427	45.35	6.93	34.78	69.72	36.18	39.91	44.91	49.84	54.05
A	F	D.K.	B	10	47.45	8.78	36.96	63.17	37.50	41.25	45.83	55.00	62.50
A	F	D.K.	W	51	43.94	6.21	34.78	60.99	34.82	38.47	44.62	49.25	51.80
N	M	ELEM	B	41	57.47	9.26	34.78	76.27	47.55	50.63	57.14	63.96	69.87
N	M	ELEM	W	212	54.69	9.54	34.78	80.64	43.00	47.83	53.85	61.21	68.06
N	M	HS	B	34	56.04	7.44	39.15	69.72	46.00	51.25	56.39	62.14	66.33
N	M	HS	W	158	55.80	9.63	36.96	80.64	43.43	49.14	55.26	62.94	69.66
N	M	COLL	B	16	59.21	7.45	43.52	69.72	49.00	53.75	62.50	65.83	68.50
N	M	COLL	W	126	56.08	9.85	36.96	78.46	42.75	48.89	55.11	64.11	70.11
N	M	D.K.	B	28	57.32	9.25	43.52	76.27	47.17	50.00	56.25	64.17	71.17
N	M	D.K.	W	73	53.18	9.40	34.78	76.27	40.44	47.03	52.67	59.37	67.20
N	F	ELEM	B	61	42.05	5.99	34.78	63.17	34.78	37.76	40.94	45.08	50.67
N	F	ELEM	W	291	43.15	6.16	34.78	65.35	34.78	37.89	42.12	47.79	51.69
N	F	HS	B	33	45.24	6.64	34.78	63.17	36.63	40.54	44.79	49.25	54.62
N	F	HS	W	197	42.68	5.75	34.78	67.54	34.85	38.04	41.72	46.45	50.72
N	F	COLL	B	7	48.51	7.54	36.96	60.99	36.96	44.38	48.33	51.25	59.00
N	F	COLL	W	157	45.60	7.09	34.78	67.54	36.86	39.86	44.85	50.52	55.60
N	F	D.K.	B	31	44.50	7.56	36.96	69.72	36.96	39.03	43.33	47.81	54.75
N	F	D.K.	W	81	43.30	6.10	34.78	65.35	35.62	38.71	42.08	46.73	51.55
TOTAL				3214	49.66	9.75	34.78	80.64	37.52	41.80	48.56	56.10	64.66

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 188

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1775	50.45	9.81	35.70	78.54	38.64	41.88	49.30	57.08	65.35
NON-ACADEMIC	1764	48.69	9.73	35.70	76.40	37.97	40.53	46.57	55.50	63.22
MALES	1658	56.03	9.07	35.70	78.54	43.25	49.66	55.94	62.49	68.80
FEMALES	1881	43.88	6.26	35.70	76.40	37.48	39.24	42.14	47.40	53.30
ELEM F.ED.	982	49.27	9.70	35.70	76.40	38.18	40.95	47.65	56.14	63.58
HS F.ED.	933	49.30	9.89	35.70	78.54	37.96	40.73	47.68	56.16	64.11
COLL F.ED.	1220	50.26	9.84	35.70	78.54	38.63	41.78	48.76	56.84	65.22
D.K.F.ED.	404	48.87	9.68	35.70	76.40	38.19	40.76	46.85	55.45	63.62
BLACK	568	50.94	9.71	35.70	78.54	38.87	42.22	50.32	57.31	64.90
WHITE	2971	49.31	9.81	35.70	78.54	38.17	40.95	47.42	56.10	64.21
NOT IN SAMPLE	4821	50.31	10.13	35.70	78.54	38.23	41.42	49.25	57.15	65.54

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	55.48	9.66	35.70	67.83	41.00	49.58	58.00	62.25	67.83
A	M	ELEM	W	151	56.54	8.19	35.70	76.40	45.27	51.53	56.40	62.37	69.14
A	M	HS	B	29	57.32	9.30	39.98	78.54	47.00	51.75	56.11	61.46	70.25
A	M	HS	W	219	55.90	9.33	35.70	74.26	42.22	49.18	55.51	63.08	69.19
A	M	COLL	B	20	56.56	9.90	37.84	72.12	42.50	46.25	58.50	63.75	67.50
A	M	COLL	W	395	56.51	9.34	35.70	78.54	43.22	49.81	56.62	63.29	69.30
A	M	D.K.	B	15	58.10	7.85	46.41	69.97	48.33	52.08	56.88	65.62	69.97
A	M	D.K.	W	37	54.20	9.05	35.70	72.12	40.88	48.39	54.25	60.94	68.80
A	F	ELEM	B	36	45.16	6.17	35.70	59.26	36.10	39.72	44.72	50.00	54.25
A	F	ELEM	W	126	44.35	6.44	35.70	65.69	37.85	39.66	42.84	48.52	53.37
A	F	HS	B	25	47.93	8.46	35.70	74.26	38.75	41.88	47.03	52.29	56.87
A	F	HS	W	180	43.21	5.70	35.70	59.26	36.79	38.85	41.38	46.53	53.03
A	F	COLL	B	13	49.71	6.64	37.84	63.55	40.75	44.06	52.92	55.63	57.25
A	F	COLL	W	445	44.93	6.30	35.70	69.97	37.95	40.01	43.77	48.99	54.15
A	F	D.K.	B	13	48.22	8.91	39.98	72.12	39.98	42.75	46.00	51.87	56.75
A	F	D.K.	W	54	44.20	7.46	35.70	67.83	37.00	39.13	42.07	47.29	54.00
N	M	ELEM	B	55	59.10	7.15	39.98	76.40	49.58	54.08	58.75	64.12	68.75
N	M	ELEM	W	219	55.58	9.01	35.70	76.40	43.81	48.75	55.31	61.48	68.89
N	M	HS	B	50	58.24	6.56	44.27	74.26	50.00	54.00	58.09	61.76	67.50
N	M	HS	W	163	54.35	9.14	35.70	76.40	41.93	47.45	54.58	61.56	66.64
N	M	COLL	B	21	57.94	8.71	42.12	74.26	47.75	53.39	57.14	64.69	69.75
N	M	COLL	W	136	55.84	9.22	37.84	74.26	42.36	49.02	55.50	62.83	69.38
N	M	D.K.	B	50	57.92	9.37	40.46	76.40	45.50	50.25	56.50	65.25	71.25
N	M	D.K.	W	81	52.94	9.53	35.70	76.40	39.36	46.25	53.75	59.75	64.67
N	F	ELEM	B	85	43.77	5.99	35.70	57.12	37.22	39.20	42.15	48.90	52.78
N	F	ELEM	W	293	42.80	5.73	35.70	65.69	36.94	38.84	41.28	45.61	51.52
N	F	HS	B	56	44.63	5.50	35.70	57.12	38.07	39.89	43.27	48.96	52.83
N	F	HS	W	211	41.94	5.37	35.70	63.55	35.70	38.20	40.89	44.91	50.12
N	F	COLL	B	20	46.09	6.57	35.70	57.12	38.13	40.00	45.00	51.50	55.00
N	F	COLL	W	170	44.07	7.16	35.70	76.40	36.97	39.09	41.96	47.29	54.34
N	F	D.K.	B	63	44.60	5.96	35.70	61.40	38.19	39.72	42.26	48.62	54.20
N	F	D.K.	W	91	42.41	5.14	35.70	61.40	36.64	38.84	41.42	45.26	49.92
TOTAL				3539	49.57	9.81	35.70	78.54	38.26	41.12	47.95	56.32	64.34

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 189

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1792	50.90	10.06	36.71	81.45	38.37	42.78	49.51	57.94	66.35
NON-ACADEMIC	1723	48.54	9.56	36.71	83.69	37.11	40.70	47.02	53.83	63.42
MALES	1643	55.80	9.61	36.71	83.69	42.99	48.57	55.08	63.29	69.19
FEMALES	1872	44.43	6.49	36.71	76.97	36.71	39.14	43.43	48.87	52.48
ELEM F.ED.	1052	49.39	9.81	36.71	79.21	37.50	41.35	47.91	55.38	65.02
HS F.ED.	960	49.76	9.98	36.71	79.21	37.74	41.51	48.35	56.17	65.29
COLL F.ED.	1237	50.47	10.04	36.71	83.69	38.21	42.27	49.10	57.57	65.67
D.K.F.ED.	266	47.71	8.79	36.71	79.21	36.93	40.49	46.32	52.19	60.76
BLACK	512	51.03	9.78	36.71	76.97	38.55	42.81	49.91	57.86	65.68
WHITE	3003	49.52	9.89	36.71	83.69	37.66	41.45	48.07	55.72	64.98
NOT IN SAMPLE	3360	50.27	10.11	36.71	83.69	37.77	41.76	49.06	56.96	65.40

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	59.20	10.64	38.95	70.26	42.00	53.75	62.50	68.75	70.26
A	M	ELEM	W	161	56.69	9.35	36.71	79.21	44.88	49.46	55.08	64.26	69.86
A	M	HS	B	30	56.02	9.61	36.71	72.50	40.83	49.38	58.13	62.92	66.67
A	M	HS	W	228	56.51	9.99	36.71	79.21	42.85	48.66	56.14	64.67	70.03
A	M	COLL	B	20	57.07	9.26	43.42	76.97	45.83	49.50	55.83	63.75	67.50
A	M	COLL	W	398	56.89	9.40	36.71	81.45	44.43	49.84	56.82	64.21	69.78
A	M	D.K.	B	6	56.47	9.74	43.42	70.26	45.50	48.75	52.50	65.00	69.50
A	M	D.K.	W	21	52.69	9.99	36.71	68.03	38.00	45.31	51.88	60.94	67.25
A	F	ELEM	B	37	46.96	6.32	36.71	59.08	38.71	42.60	46.46	51.72	55.57
A	F	ELEM	W	146	45.36	6.88	36.71	63.55	36.71	39.70	44.41	49.85	54.94
A	F	HS	B	27	48.15	9.91	36.71	70.26	37.89	40.14	45.63	51.87	68.00
A	F	HS	W	187	44.73	6.33	36.71	68.03	36.71	39.55	43.92	49.27	52.64
A	F	COLL	B	15	47.30	8.04	36.71	63.55	38.13	40.94	48.00	51.75	60.00
A	F	COLL	W	449	45.05	6.67	36.71	72.50	36.71	39.73	44.33	49.48	54.23
A	F	D.K.	B	11	50.54	8.59	36.71	63.55	38.00	44.38	50.00	58.12	62.25
A	F	D.K.	W	38	44.91	6.72	36.71	65.79	36.71	39.06	45.00	50.00	53.00
N	M	ELEM	B	55	58.10	9.24	36.71	76.97	45.00	51.25	58.25	65.78	70.56
N	M	ELEM	W	239	54.65	9.19	36.71	74.74	43.14	47.74	53.24	62.54	67.73
N	M	HS	B	49	57.39	8.64	41.19	72.50	45.29	50.16	58.12	63.75	69.00
N	M	HS	W	171	53.55	9.41	36.71	76.97	41.91	46.90	51.70	59.94	66.88
N	M	COLL	B	21	57.16	9.36	41.19	76.97	42.75	49.58	56.88	63.44	67.37
N	M	COLL	W	141	55.76	9.99	36.71	83.69	41.77	48.26	55.88	62.99	69.03
N	M	D.K.	B	23	53.15	8.47	41.19	76.97	43.00	47.97	51.56	56.75	66.00
N	M	D.K.	W	62	51.26	10.22	36.71	79.21	38.42	42.29	49.58	58.44	66.00
N	F	ELEM	B	87	45.24	7.04	36.71	61.32	36.71	39.03	44.41	50.46	55.44
N	F	ELEM	W	309	42.77	5.45	36.71	65.79	36.71	38.24	41.75	46.55	50.59
N	F	HS	B	56	45.54	6.16	36.71	59.08	37.17	40.00	45.50	50.62	54.21
N	F	HS	W	212	42.53	5.19	36.71	69.02	36.71	37.92	41.60	46.76	50.68
N	F	COLL	B	22	49.83	10.36	36.71	72.50	37.70	41.00	48.75	56.67	64.50
N	F	COLL	W	171	44.17	6.32	36.71	76.97	36.71	39.29	43.17	48.43	51.72
N	F	D.K.	B	35	45.28	5.73	36.71	56.84	38.39	40.27	44.06	49.53	53.12
N	F	D.K.	W	70	42.85	5.19	36.71	59.08	36.71	38.04	41.85	46.32	50.83
TOTAL				3515	49.74	9.89	36.71	83.69	37.78	41.62	48.34	56.12	65.09

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 190

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8240192.9573	3217			
MEAN	7934386.9275	1	7934386.9275	83467.6250	0.0000
ERROR	305806.0298	3216	95.0594		
CUR	333.4628	1	333.4628	5.3685	0.0206
SEX	102286.1988	1	102286.1988	1646.7163	0.0000
F.ED	1269.0843	3	423.0281	6.8104	0.0003
RACE	990.7185	1	990.7185	15.9497	0.0002
ERROR	199452.0253	3210	62.1153		
CS	129.7065	1	129.7065	2.0935	0.1483
CF	217.0647	3	72.3549	1.1678	0.3206
CR	104.8140	1	104.8140	1.6917	0.1936
SF	173.9600	3	57.9867	0.9359	0.4223
SR	254.0558	1	254.0558	4.1005	0.0430
FR	289.7990	3	96.5997	1.5591	0.1973
ERROR	198202.3110	3198	61.9576		
CSF	282.5182	3	94.1727	1.5245	0.2061
CSR	31.3366	1	31.3366	0.5073	0.4764
CFR	278.4999	3	92.8333	1.5029	0.2118
SFR	691.4595	3	230.4865	3.7313	0.0109
ERROR	196987.9874	3188	61.7711		
CSFR	52.6580	3	17.5527	0.2840	0.8369
ERROR	196935.3294	3185	61.8127		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 3)

TABLE 191

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9037477.5876	3538			
MEAN	8697186.7635	1	8697186.7635	90424.5000	0.0000
ERROR	340290.8241	3537	96.1817		
CUR	934.1685	1	934.1685	16.0257	0.0002
SEX	128985.2732	1	128985.2732	2212.7424	0.0000
F.ED	1026.4926	3	342.1642	5.8698	0.0006
RACE	2620.4955	1	2620.4955	44.9546	0.0000
ERROR	205887.4306	3531	58.2920		
CS	96.8117	1	96.8117	1.6627	0.1976
CF	95.0826	3	31.6942	0.5443	0.6518
CR	37.1162	1	37.1162	0.6375	0.4247
SF	305.8236	3	101.9412	1.7508	0.1545
SR	23.3946	1	23.3946	0.4018	0.5263
FR	308.8238	3	102.9413	1.7680	0.1511
ERROR	204948.5157	3519	58.2240		
CSF	20.3808	3	6.7936	0.1168	0.9503
CSR	411.9150	1	411.9150	7.0806	0.0078
CFR	124.6318	3	41.5439	0.7141	0.5432
SFR	133.3036	3	44.4345	0.7638	0.5141
ERROR	204193.7619	3509	58.1749		
CSFR	9.1806	3	3.0602	0.0526	0.9840
ERROR	204184.5813	3506	58.2220		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 192

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9041313.5042	3514			
MEAN	8697792.9722	1	8697792.9722	88972.9375	0.0000
ERROR	343520.5319	3513	97.7577		
CUR	2553.7052	1	2553.7052	39.9516	0.0001
SEX	111537.8693	1	111537.8693	1744.9590	0.0000
F.ED	995.5368	3	331.8456	5.1916	0.0015
RACE	2862.1579	1	2862.1579	44.7771	0.0001
ERROR	224231.4427	3507	63.9200		
CS	0.7695	1	0.7695	0.0121	0.9126
CF	397.0116	3	132.3372	2.0759	0.1013
CR	124.6224	1	124.6224	1.9548	0.1624
SF	730.9416	3	243.6472	3.8219	0.0096
SR	50.4097	1	50.4097	0.7907	0.3742
FR	3.5649	3	1.1883	0.0186	0.9965
ERROR	222871.9380	3495	63.7506		
CSF	29.8724	3	9.9575	0.1561	0.9259
CSR	42.8940	1	42.8940	0.6725	0.4124
CFR	173.5564	3	57.8521	0.9070	0.4367
SFR	190.0477	3	63.3492	0.9932	0.3949
ERROR	222343.5278	3485	63.7819		
CSFR	156.4942	3	52.1647	0.8177	0.4838
ERROR	222187.0337	3482	63.7919		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 193

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1573	50.52	8.80	35.73	75.79	40.00	43.37	49.27	56.95	63.44
NON-ACADEMIC	1435	48.53	8.68	35.73	75.89	38.70	41.66	46.86	54.48	61.28
MALES	1399	55.90	7.88	35.73	75.89	45.28	50.29	55.98	61.53	66.45
FEMALES	1609	44.07	5.05	35.73	67.82	38.09	40.45	43.29	47.38	51.44
ELEM F.ED.	861	49.01	8.68	35.73	74.38	38.88	42.03	47.44	54.93	61.49
HS F.ED.	817	49.49	9.04	35.73	74.38	38.92	42.07	47.76	56.25	63.05
COLL F.ED.	1116	50.38	8.79	35.73	75.89	40.15	43.25	49.07	56.71	63.11
D.K.F.ED.	214	47.88	7.97	35.73	70.70	38.72	41.69	46.31	53.77	58.44
BLACK	327	50.92	8.62	36.46	74.38	40.26	43.91	50.21	57.29	63.22
WHITE	2681	49.41	8.81	35.73	75.89	39.15	42.31	47.84	55.62	62.49
NOT IN SAMPLE	749	49.70	8.86	35.73	76.55	39.11	42.63	48.30	55.91	62.75

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	60.66	5.92	50.24	68.56	52.80	56.25	60.00	66.37	68.56
A	M	ELEM	W	140	55.54	7.18	39.34	72.24	45.35	50.38	55.62	60.39	65.05
A	M	HS	B	18	55.22	8.44	37.90	70.61	44.70	48.75	56.25	62.00	65.10
A	M	HS	W	201	56.32	8.38	37.91	72.18	44.62	49.70	56.90	62.84	66.91
A	M	COLL	B	17	56.47	8.12	42.34	68.46	44.55	52.88	58.00	62.25	67.95
A	M	COLL	W	367	56.64	7.86	37.20	75.79	46.09	51.13	56.83	62.33	66.84
A	M	D.K.	B	4	58.49	8.30	50.26	66.40	*	*	*	*	*
A	M	D.K.	W	17	53.34	7.37	39.36	67.10	42.60	50.44	53.40	56.62	64.95
A	F	ELEM	B	23	46.59	5.14	38.66	54.68	39.80	42.56	46.80	50.75	53.77
A	F	ELEM	W	116	44.65	5.38	35.73	61.21	38.19	40.71	43.88	48.00	53.10
A	F	HS	B	17	45.86	5.19	37.22	54.82	38.55	42.38	46.13	49.31	52.95
A	F	HS	W	169	43.96	4.96	35.73	59.80	38.18	40.35	43.26	46.48	51.68
A	F	COLL	B	8	46.37	6.48	39.39	60.50	39.90	42.00	45.00	48.00	59.10
A	F	COLL	W	423	45.05	5.23	35.73	67.82	38.70	41.29	44.54	48.54	52.34
A	F	D.K.	B	9	48.94	8.03	37.88	61.88	40.20	42.38	50.25	54.75	61.80
A	F	D.K.	W	33	45.17	6.14	35.73	64.87	37.68	40.63	44.33	48.25	53.77
N	M	ELEM	B	41	58.19	7.30	40.79	74.38	49.97	52.61	57.60	63.75	68.40
N	M	ELEM	W	193	55.14	7.89	37.19	71.48	45.06	49.53	54.59	60.43	66.64
N	M	HS	B	33	57.24	4.43	48.82	67.86	51.22	54.12	57.15	60.75	63.35
N	M	HS	W	151	54.82	8.14	36.46	74.38	44.27	48.93	54.78	60.56	65.95
N	M	COLL	B	16	58.68	7.00	45.90	73.65	50.40	53.50	58.50	63.00	65.70
N	M	COLL	W	122	55.94	8.19	38.63	75.89	45.60	49.97	55.87	61.41	66.67
N	M	D.K.	B	13	54.40	6.50	43.73	63.42	46.80	48.75	54.75	59.62	62.55
N	M	D.K.	W	55	52.64	7.97	35.73	70.70	42.00	46.82	53.57	57.35	61.00
N	F	ELEM	B	59	43.83	4.88	36.46	58.39	37.91	39.80	43.15	46.61	51.07
N	F	ELEM	W	278	42.78	4.24	35.73	56.96	37.67	39.57	42.29	45.88	49.18
N	F	HS	B	33	45.25	4.62	37.19	58.30	40.60	42.25	45.19	48.54	51.52
N	F	HS	W	195	42.32	4.21	35.73	60.88	37.04	39.14	41.79	44.72	48.53
N	F	COLL	B	7	48.45	6.79	37.88	58.35	39.60	42.75	50.00	51.75	56.40
N	F	COLL	W	156	44.53	5.16	36.46	61.24	38.56	40.79	43.62	48.37	51.90
N	F	D.K.	B	18	44.02	5.43	37.88	56.89	38.85	40.75	43.00	47.00	55.80
N	F	D.K.	W	65	42.76	4.50	35.73	61.94	37.61	39.70	42.29	45.61	48.45
TOTAL				3008	49.57	8.80	35.73	75.89	39.25	42.45	48.10	55.85	62.61

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 194

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1573	0.27	5.83	-18.67	23.70	-7.01	-3.57	0.05	3.88	7.70
NON-ACADEMIC	1435	-0.43	5.81	-23.15	25.20	-7.44	-3.96	-0.49	2.84	7.02
MALES	1399	-0.01	6.54	-23.15	23.70	-7.81	-4.57	0.17	4.23	8.41
FEMALES	1609	-0.10	5.13	-20.25	25.20	-6.60	-3.16	-0.46	2.90	6.63
ELEM F.ED.	861	0.27	5.74	-21.69	23.70	-7.11	-3.36	0.05	4.10	7.57
HS F.ED.	817	-0.22	5.73	-23.15	20.57	-7.14	-3.72	-0.38	2.91	7.07
COLL F.ED.	1116	-0.14	5.93	-20.25	25.20	-7.33	-3.92	-0.31	3.40	7.46
D.K.F.ED.	214	-0.40	5.99	-17.08	17.25	-7.51	-4.18	-0.54	3.25	7.02
BLACK	327	0.59	6.38	-18.60	20.42	-7.22	-3.33	0.13	4.60	8.78
WHITE	2681	-0.14	5.75	-23.15	25.20	-7.23	-3.77	-0.29	3.33	7.23
NOT IN SAMPLE	749	-0.03	6.14	-20.22	18.84	-7.58	-4.06	0.11	3.94	7.48

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	1.09	10.32	-14.00	18.91	-13.80	-5.50	-1.00	8.50	13.80
A	M	ELEM	W	140	1.46	6.49	-15.54	23.70	-7.27	-2.50	1.31	6.29	9.20
A	M	HS	B	18	-1.44	6.63	-15.25	11.00	-12.40	-6.33	0.0	1.80	6.40
A	M	HS	W	201	0.47	5.77	-16.94	15.97	-6.99	-3.48	0.26	3.72	8.18
A	M	COLL	B	17	-1.86	7.47	-18.60	10.85	-10.60	-5.83	-2.50	1.75	8.60
A	M	COLL	W	367	0.64	6.44	-17.06	19.06	-7.39	-3.95	0.64	4.81	8.94
A	M	D.K.	B	4	-4.88	5.28	-10.88	1.92	*	*	*	*	*
A	M	D.K.	W	17	-0.36	8.28	-15.51	17.25	-11.30	-3.75	-0.33	3.75	12.60
A	F	ELEM	B	23	1.05	4.92	-10.80	10.97	-6.70	-1.30	1.25	4.17	6.70
A	F	ELEM	W	116	0.13	4.89	-12.45	12.55	-6.28	-3.38	0.0	3.60	6.60
A	F	HS	B	17	-0.38	8.95	-15.58	20.42	-8.60	-6.50	-2.50	3.75	14.60
A	F	HS	W	169	0.12	4.48	-10.99	14.14	-5.64	-2.89	-0.38	3.12	6.17
A	F	COLL	B	8	0.36	3.78	-6.36	4.65	-6.36	-2.00	1.00	3.00	4.40
A	F	COLL	W	423	-0.29	5.29	-18.67	15.64	-6.86	-3.54	-0.62	2.94	6.88
A	F	D.K.	B	9	3.49	6.77	-4.48	17.25	-4.20	-0.75	1.50	5.50	15.23
A	F	D.K.	W	33	-0.03	5.12	-9.45	14.02	-6.85	-4.38	-0.14	3.37	6.47
N	M	ELEM	B	41	0.68	5.99	-12.45	12.73	-6.60	-4.25	0.17	4.87	9.90
N	M	ELEM	W	193	-0.45	6.40	-21.69	18.95	-8.14	-5.55	0.03	4.21	7.44
N	M	HS	B	33	0.64	7.69	-17.01	14.32	-9.40	-3.83	0.83	5.75	11.70
N	M	HS	W	151	-1.73	7.01	-23.15	20.57	-11.45	-5.93	-1.35	1.94	7.40
N	M	COLL	B	16	-0.78	4.83	-9.14	7.95	-7.60	-6.00	0.0	2.00	5.40
N	M	COLL	W	122	-0.54	6.42	-20.17	17.41	-7.95	-4.60	-0.27	1.90	7.66
N	M	D.K.	B	13	-0.59	7.32	-14.00	9.53	-9.40	-5.75	-1.00	6.75	8.70
N	M	D.K.	W	55	-1.74	6.46	-17.08	14.16	-7.91	-6.41	-1.44	2.62	5.83
N	F	ELEM	B	59	2.59	5.00	-6.36	18.77	-2.55	-1.18	1.17	6.07	9.40
N	F	ELEM	W	278	-0.41	4.89	-14.08	15.68	-6.85	-3.27	-0.59	2.54	6.29
N	F	HS	B	33	0.20	5.42	-12.53	12.48	-6.47	-2.75	-0.33	1.69	7.35
N	F	HS	W	195	-0.12	4.56	-17.17	13.40	-6.07	-2.45	-0.52	1.96	6.21
N	F	COLL	B	7	0.92	2.70	-1.65	6.30	-1.53	-0.83	0.33	1.50	6.30
N	F	COLL	W	156	-1.08	5.86	-20.25	25.20	-7.79	-4.57	-1.03	1.83	5.73
N	F	D.K.	B	18	0.69	6.65	-13.85	12.51	-10.40	-2.50	-0.67	5.00	8.40
N	F	D.K.	W	65	-0.00	4.44	-10.88	10.93	-6.20	-1.98	-0.35	2.50	5.80
TOTAL				3008	-0.06	5.83	-23.15	25.20	-7.23	-3.74	-0.24	3.45	7.37

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 195

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), 0 ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7623944.3428	3007			
MEAN	7391183.1040	1	7391183.1040	95485.3125	0.0000
ERROR	232761.2388	3006	77.4065		
CUR	850.3675	1	850.3675	20.4302	0.0001
SEX	102937.7722	1	102937.7722	2473.0918	0.0000
F.ED	823.1599	3	274.3866	6.5922	0.0003
RACE	1140.5227	1	1140.5227	27.4012	0.0001
ERROR	124910.9173	3000	41.6231		
CS	62.2657	1	62.2657	1.4981	0.2212
CF	183.8109	3	61.2703	1.4741	0.2196
CR	12.5569	1	12.5569	0.3021	0.5828
SF	358.5865	3	119.5288	2.8758	0.0349
SR	4.6310	1	4.6310	0.1114	0.7387
FR	15.8394	3	5.2798	0.1270	0.9442
ERROR	124234.1346	2988	41.5638		
CSF	61.7062	3	20.5687	0.4954	0.6853
CSR	2.5917	1	2.5917	0.0624	0.8027
CFR	251.6990	3	83.8997	2.0209	0.1089
SFR	184.9799	3	61.6600	1.4852	0.2166
ERROR	123677.6851	2978	41.5165		
CSFR	37.5547	3	12.5182	0.3013	0.8244
ERROR	123640.1304	2975	41.5458		

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 196

BEQ SCALE 2 (SPORTS AND MASCULINE INTERESTS), 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	102134.6793	3007			
MEAN	11.7437	1	11.7437	0.3458	0.5566
ERROR	102122.9356	3006	33.9617		
CUR	542.6490	1	542.6490	16.0794	0.0002
SEX	1.6759	1	1.6759	0.0497	0.8237
F.ED	247.0962	3	82.3654	2.4406	0.0626
RACE	197.1363	1	197.1363	5.8414	0.0157
ERROR	101278.1846	3000	33.7482		
CS	157.1984	1	157.1984	4.6864	0.0305
CF	5.8783	3	1.9594	0.0584	0.9815
CR	221.9739	1	221.9739	6.6176	0.0103
SF	219.7571	3	73.2524	2.1838	0.0880
SR	84.7297	1	84.7297	2.5260	0.1123
FR	85.0917	3	28.3639	0.8456	0.4687
ERROR	100260.5741	2988	33.5432		
CSF	72.5507	3	24.1836	0.7205	0.5393
CSR	65.8592	1	65.8592	1.9622	0.1615
CFR	26.4846	3	8.8282	0.2630	0.8521
SFR	120.4077	3	40.1359	1.1958	0.3098
ERROR	99985.0576	2978	33.5633		
CSFR	115.1584	3	38.3861	1.1439	0.3300
ERROR	99869.8992	2975	33.5584		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 197

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	49.16	9.24	30.75	83.09	36.86	41.19	49.08	54.95	62.35
NON-ACADEMIC	1546	49.53	9.77	30.75	88.90	36.91	41.02	49.12	55.58	63.93
MALES	1507	49.98	9.53	30.75	88.90	37.55	41.83	49.68	55.87	63.83
FEMALES	1711	48.77	9.44	30.75	83.09	36.36	40.56	48.54	54.71	62.44
ELEM F.ED.	928	48.85	10.10	30.75	85.99	36.14	40.15	48.28	55.09	63.83
HS F.ED.	844	49.62	9.34	30.75	88.90	37.04	41.49	49.54	55.38	63.33
COLL F.ED.	1129	49.34	8.89	30.75	77.27	37.59	41.68	49.10	54.94	62.12
D.K.F.ED.	317	49.99	10.16	30.75	80.18	36.20	41.59	50.00	56.29	64.23
BLACK	368	52.14	10.86	30.75	80.18	36.76	43.48	52.26	59.70	66.74
WHITE	2850	48.98	9.25	30.75	88.90	36.90	40.93	48.81	54.73	62.41
NOT IN SAMPLE	3703	50.58	10.38	30.75	88.90	37.07	41.58	50.14	56.77	65.70

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	50.37	9.20	39.47	71.45	39.50	42.50	49.17	55.00	66.50
A	M	ELEM	W	149	48.97	9.17	30.75	80.18	37.46	40.77	48.82	54.57	61.05
A	M	HS	B	18	51.91	10.11	36.56	68.55	37.00	41.67	52.50	60.00	65.50
A	M	HS	W	210	49.83	9.47	30.75	80.18	36.59	41.32	50.09	55.81	63.82
A	M	COLL	B	17	53.84	12.53	30.75	74.36	36.00	47.75	52.00	61.87	73.25
A	M	COLL	W	370	49.50	8.53	30.75	71.45	37.75	42.30	49.36	55.16	61.83
A	M	D.K.	B	9	54.65	6.63	45.29	65.64	47.00	50.63	55.00	59.37	63.00
A	M	D.K.	W	34	50.59	9.23	33.66	74.36	38.00	43.75	50.83	57.14	62.10
A	F	ELEM	B	24	50.74	12.34	33.66	80.18	34.90	39.17	53.33	58.75	65.50
A	F	ELEM	W	138	47.88	10.37	30.75	83.09	34.77	39.45	47.97	53.65	62.64
A	F	HS	B	18	52.23	14.66	30.75	80.18	33.83	40.00	52.50	65.00	73.50
A	F	HS	W	176	48.72	8.38	30.75	68.55	37.83	41.22	48.53	54.47	61.06
A	F	COLL	B	9	51.75	11.52	39.47	77.27	39.75	43.13	50.00	56.87	73.00
A	F	COLL	W	427	48.50	8.79	30.75	77.27	36.62	41.03	48.43	53.92	60.36
A	F	D.K.	B	10	52.84	6.46	42.38	65.64	42.50	48.75	50.83	55.00	62.50
A	F	D.K.	W	51	47.28	10.63	30.75	77.27	33.42	38.65	46.00	54.11	63.62
N	M	ELEM	B	41	53.66	9.88	30.75	74.36	42.56	46.41	53.64	60.42	67.40
N	M	ELEM	W	212	49.46	10.03	30.75	85.99	37.61	40.61	48.08	55.62	65.70
N	M	HS	B	34	54.09	8.87	36.56	74.36	43.00	48.44	53.75	59.58	65.17
N	M	HS	W	158	49.85	9.67	30.75	88.90	36.85	41.80	49.75	55.23	63.17
N	M	COLL	B	16	52.56	10.13	36.56	68.55	36.56	44.17	53.75	60.00	66.00
N	M	COLL	W	126	49.39	8.67	33.66	74.36	37.81	41.44	49.47	55.00	62.23
N	M	D.K.	B	28	55.15	12.19	30.75	80.18	37.00	46.25	55.50	64.50	70.50
N	M	D.K.	W	73	48.91	10.10	30.75	77.27	36.44	41.35	48.33	54.71	63.37
N	F	ELEM	B	61	49.86	10.57	30.75	74.36	35.43	40.34	49.75	57.37	64.92
N	F	ELEM	W	291	47.69	9.61	30.75	74.36	35.33	39.28	46.72	54.12	61.59
N	F	HS	B	33	51.28	10.88	30.75	74.36	35.38	41.56	52.08	60.42	65.58
N	F	HS	W	197	48.50	8.67	30.75	77.27	37.14	41.03	48.28	53.72	59.80
N	F	COLL	B	7	58.16	15.46	33.66	77.27	36.00	41.25	63.75	68.75	74.00
N	F	COLL	W	157	49.90	8.72	30.75	77.27	38.60	41.96	49.09	55.49	62.23
N	F	D.K.	B	31	49.13	10.94	33.66	77.27	35.60	39.79	48.75	56.56	62.37
N	F	D.K.	W	81	50.10	9.31	30.75	71.45	36.31	41.77	50.80	55.86	63.25
TOTAL				3218	49.34	9.50	30.75	88.90	36.88	41.10	49.10	55.25	63.17

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 198

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1779	49.17	9.22	29.30	87.90	37.75	41.88	49.48	55.32	62.43
NON-ACADEMIC	1763	49.88	9.78	29.30	87.90	37.88	42.25	49.95	55.83	63.95
MALES	1659	49.94	9.73	29.30	87.90	37.90	42.30	49.94	56.03	63.87
FEMALES	1883	49.15	9.29	29.30	79.42	37.74	41.85	49.51	55.20	62.56
ELEM F.ED.	982	50.02	9.76	29.30	87.90	37.90	42.04	50.24	56.26	63.85
HS F.ED.	936	49.87	9.62	29.30	87.90	38.07	42.41	49.92	55.75	63.61
COLL F.ED.	1219	49.03	9.03	29.30	75.56	37.74	42.13	49.36	54.90	61.84
D.K.F.ED.	405	48.96	9.96	29.30	84.81	36.53	41.17	49.24	55.28	63.81
BLACK	571	52.91	10.93	29.30	87.90	38.74	45.46	52.48	61.10	67.01
WHITE	2971	48.87	9.06	29.30	81.73	37.69	41.72	49.25	54.91	61.64
NOT IN SAMPLE	4835	50.35	10.33	29.30	94.07	37.57	42.20	50.33	56.48	64.86

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	51.79	11.37	29.30	63.22	31.75	40.63	56.25	60.63	63.22
A	M	ELEM	W	151	49.82	8.82	32.38	75.56	38.77	42.30	49.62	55.68	62.46
A	M	HS	B	30	53.97	11.51	38.55	87.90	41.25	46.88	51.88	61.25	69.17
A	M	HS	W	219	50.33	9.01	29.30	72.48	38.82	43.95	50.29	56.16	63.98
A	M	COLL	B	20	50.18	12.07	29.30	72.48	32.50	42.50	50.83	60.00	65.83
A	M	COLL	W	395	49.52	9.16	32.38	75.56	37.62	42.17	50.02	55.33	62.04
A	M	D.K.	B	15	47.39	7.72	32.38	60.14	35.00	43.75	49.00	52.92	56.67
A	M	D.K.	W	37	48.24	10.59	29.30	66.31	32.13	40.31	49.44	56.25	62.87
A	F	ELEM	B	36	50.12	9.37	32.38	75.56	36.83	45.00	50.42	55.83	63.17
A	F	ELEM	W	126	49.41	9.70	29.30	66.31	37.17	40.93	50.50	56.80	63.00
A	F	HS	B	27	51.60	11.13	29.30	72.48	32.00	41.25	52.86	57.92	65.75
A	F	HS	W	180	48.26	8.17	32.38	66.31	38.10	41.31	48.75	54.33	58.06
A	F	COLL	B	13	53.73	9.63	38.55	69.39	40.75	47.92	53.75	61.87	66.75
A	F	COLL	W	445	47.78	8.70	29.30	75.56	37.25	41.25	48.12	53.19	60.00
A	F	D.K.	B	13	55.16	12.81	35.47	72.48	38.00	41.25	60.00	65.25	67.20
A	F	D.K.	W	55	46.79	9.57	32.38	69.39	33.33	39.55	47.08	53.39	61.67
N	M	ELEM	B	55	55.50	11.45	29.30	87.90	40.42	46.61	54.82	64.31	69.58
N	M	ELEM	W	219	48.90	9.87	29.30	81.73	36.59	41.04	48.85	55.11	63.84
N	M	HS	B	50	54.18	12.04	35.47	78.65	40.36	46.25	52.08	61.67	72.50
N	M	HS	W	163	48.59	9.79	29.30	72.48	36.12	40.40	48.48	55.54	62.38
N	M	COLL	B	21	54.41	10.15	38.55	69.39	40.13	45.62	55.00	63.75	69.00
N	M	COLL	W	135	49.44	8.56	29.30	72.48	38.48	43.01	49.65	54.81	61.15
N	M	D.K.	B	50	53.98	10.02	36.15	84.81	40.83	47.71	52.95	61.67	66.39
N	M	D.K.	W	82	46.78	9.37	29.30	69.39	33.00	40.00	46.67	52.73	59.75
N	F	ELEM	B	85	53.29	10.25	29.30	75.56	38.44	48.18	52.65	61.46	66.33
N	F	ELEM	W	293	49.14	9.17	29.30	79.42	38.04	41.83	49.77	55.24	60.84
N	F	HS	B	56	53.54	12.19	29.30	78.65	35.75	45.50	53.65	63.50	68.17
N	F	HS	W	211	48.96	8.66	29.30	75.56	38.21	42.63	49.46	54.43	60.18
N	F	COLL	B	20	52.48	12.05	35.47	75.56	38.50	41.50	52.50	64.50	67.50
N	F	COLL	W	170	49.24	8.48	29.30	69.39	38.00	43.79	49.83	55.00	60.42
N	F	D.K.	B	63	50.85	10.17	29.30	75.56	38.55	43.25	50.69	56.70	65.44
N	F	D.K.	W	90	47.84	8.90	32.38	69.39	35.50	40.69	48.79	52.42	60.50
TOTAL				3542	49.52	9.51	29.30	87.90	37.81	42.06	49.71	55.58	63.21

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 199

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1792	49.33	9.31	28.55	83.13	38.25	42.06	49.53	54.72	62.02
NON-ACADEMIC	1727	50.49	10.23	28.55	89.55	38.02	42.79	50.38	56.13	64.26
MALES	1646	50.25	10.07	28.55	86.34	38.13	42.39	50.21	55.78	64.19
FEMALES	1873	49.59	9.52	28.55	89.55	38.17	42.30	49.69	55.08	62.27
ELEM F.ED.	1053	50.65	9.96	28.55	89.55	38.49	43.16	50.55	56.07	64.07
HS F.ED.	962	50.23	9.76	28.55	86.34	38.43	42.66	50.03	55.50	63.87
COLL F.ED.	1237	49.10	9.44	28.55	83.13	37.89	42.00	49.40	54.72	61.66
D.K.F.ED.	267	49.46	10.47	28.55	86.34	36.23	41.03	49.65	55.48	63.98
BLACK	513	54.20	11.09	28.55	89.55	39.69	47.72	53.21	61.45	67.20
WHITE	3006	49.17	9.35	28.55	86.34	37.99	41.94	49.47	54.71	61.73
NOT IN SAMPLE	3364	50.11	10.22	28.55	92.76	37.80	42.21	50.18	55.97	64.13

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	57.44	12.98	38.18	83.13	40.50	49.00	55.00	66.67	73.50
A	M	ELEM	W	161	50.16	9.23	28.55	83.13	38.81	42.95	50.25	55.04	62.43
A	M	HS	B	30	53.48	11.01	34.97	79.91	39.17	47.81	52.50	61.25	67.50
A	M	HS	W	228	50.31	9.58	28.55	82.05	38.70	42.50	50.17	55.80	64.07
A	M	COLL	B	20	53.91	11.02	34.97	76.70	35.83	48.75	54.17	59.17	65.00
A	M	COLL	W	398	49.56	9.11	28.55	83.13	38.39	43.04	49.75	54.73	63.00
A	M	D.K.	B	6	47.27	9.40	31.76	57.44	31.76	40.00	50.00	53.75	56.00
A	M	D.K.	W	21	48.03	7.15	38.18	63.86	39.00	41.25	48.44	51.72	55.67
A	F	ELEM	B	37	49.46	8.24	28.55	67.07	40.20	44.31	49.25	54.46	59.12
A	F	ELEM	W	146	50.46	9.57	28.55	73.49	38.25	43.12	51.01	56.14	63.50
A	F	HS	B	27	52.83	12.15	34.97	73.49	37.00	42.19	52.00	62.92	69.67
A	F	HS	W	187	48.67	8.62	28.55	76.70	38.44	41.86	48.92	53.85	57.69
A	F	COLL	B	15	51.23	8.70	41.39	67.07	41.39	43.75	49.38	55.62	63.75
A	F	COLL	W	449	47.38	8.76	28.55	76.70	37.48	40.83	48.14	52.87	57.25
A	F	D.K.	B	11	53.03	10.06	38.18	67.07	39.33	42.08	53.33	58.75	64.75
A	F	D.K.	W	38	46.63	8.22	34.97	67.07	38.38	40.16	44.50	51.56	56.70
N	M	ELEM	B	55	56.67	11.42	28.55	86.34	43.13	49.88	55.00	64.12	71.25
N	M	ELEM	W	240	49.38	9.99	28.55	83.13	37.87	41.20	49.79	55.71	63.25
N	M	HS	B	50	56.28	11.81	34.97	86.34	41.50	49.11	54.00	63.33	72.50
N	M	HS	W	171	48.57	9.58	28.55	83.13	36.77	41.33	48.91	53.92	62.82
N	M	COLL	B	21	55.45	12.33	28.55	83.13	39.33	47.92	55.63	63.96	66.58
N	M	COLL	W	141	49.52	10.06	28.55	73.49	37.52	41.29	49.75	56.11	62.46
N	M	D.K.	B	23	53.05	6.94	41.39	67.07	43.25	48.47	51.67	56.75	63.67
N	M	D.K.	W	63	47.35	12.50	28.55	86.34	30.36	37.25	47.71	54.62	63.20
N	F	ELEM	B	87	53.78	11.24	31.76	89.55	39.04	47.69	53.19	60.97	66.18
N	F	ELEM	W	309	49.78	9.19	28.55	79.91	38.43	43.38	49.72	54.77	61.84
N	F	HS	B	56	53.48	10.44	28.55	76.70	40.07	47.50	52.50	60.50	66.50
N	F	HS	W	213	49.79	9.02	31.76	73.49	38.49	42.92	49.84	54.86	61.12
N	F	COLL	B	22	58.59	13.17	34.97	83.13	40.50	48.75	57.50	66.87	75.50
N	F	COLL	W	171	49.44	9.02	28.55	73.49	38.17	43.75	50.05	55.11	60.92
N	F	D.K.	B	35	54.75	11.41	34.97	79.91	39.00	48.13	54.69	63.39	67.14
N	F	D.K.	W	70	49.13	10.03	31.76	70.28	34.50	41.67	49.79	55.31	63.93
TOTAL				3519	49.90	9.79	28.55	89.55	38.15	42.34	49.93	55.42	63.31

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 200

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 7, 1963

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8123213.6838	3217			
MEAN	7832968.4335	1	7832968.4335	86818.4375	0.0000
ERROR	290245.2504	3216	90.2224		
CUR	72.1858	1	72.1858	0.8123	0.3677
SEX	1135.1975	1	1135.1975	12.7748	0.0004
F.ED	484.0666	3	161.3555	1.8158	0.1421
RACE	3153.5004	1	3153.5004	35.4874	0.0001
ERROR	285337.1957	3210	88.8624		
CS	23.4241	1	23.4241	0.2630	0.6082
CF	64.6658	3	21.5553	0.2421	0.8667
CR	0.0035	1	0.0035	0.0000	0.9950
SF	164.3566	3	54.7855	0.6152	0.6048
SR	123.6077	1	123.6077	1.3881	0.2391
FR	34.7270	3	11.5757	0.1300	0.9424
ERROR	284871.2102	3198	89.0501		
CSF	346.5053	3	115.5018	1.2968	0.2738
CSR	113.9028	1	113.9028	1.2789	0.2584
CFR	95.3514	3	31.7838	0.3569	0.7839
SFR	239.3705	3	79.7902	0.8959	0.4425
ERROR	284029.2863	3188	89.0653		
CSFR	305.6977	3	101.8992	1.1442	0.3298
ERROR	283723.5886	3185	89.0533		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 201

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9005599.7954	3541			
MEAN	8685570.1740	1	8685570.1740	96102.3125	0.0000
ERROR	320029.6214	3540	90.3783		
CUR	56.6667	1	56.6667	0.6449	0.4222
SEX	619.1303	1	619.1303	7.0462	0.0080
F.ED	930.5596	3	310.1865	3.5302	0.0144
RACE	7773.8047	1	7773.8047	88.4723	0.0000
ERROR	310610.2376	3534	87.8671		
CS	239.8715	1	239.8715	2.7305	0.0986
CF	202.6453	3	67.5484	0.7689	0.5112
CR	494.8883	1	494.8883	5.6333	0.0179
SF	61.5307	3	20.5102	0.2335	0.8730
SR	105.9278	1	105.9278	1.2058	0.2723
FR	39.1634	3	13.0545	0.1486	0.9307
ERROR	309496.0393	3522	87.8502		
CSF	180.7841	3	60.2614	0.6860	0.5603
CSR	407.2088	1	407.2088	4.6355	0.0316
CFR	199.9888	3	66.6629	0.7589	0.5170
SFR	92.9960	3	30.9987	0.3529	0.7868
ERROR	308599.5559	3512	87.8450		
CSFR	534.8631	3	178.2877	2.0314	0.1074
ERROR	308064.6929	3509	87.7677		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 202

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9099472.8442	3518			
MEAN	8762567.7073	1	8762567.7073	91499.6250	0.0000
ERROR	336905.1370	3517	95.7661		
CUR	243.0626	1	243.0626	2.6331	0.1051
SEX	523.5804	1	523.5804	5.6719	0.0173
F.ED	734.7776	3	244.9259	2.6532	0.0471
RACE	10085.8578	1	10085.8578	109.2586	0.0000
ERROR	324198.8312	3511	92.3118		
CS	638.3218	1	638.3218	6.9478	0.0086
CF	454.7377	3	151.5792	1.6499	0.1758
CR	663.5218	1	663.5218	7.2221	0.0074
SF	295.4555	3	98.4852	1.0720	0.3597
SR	386.6965	1	386.6965	4.2090	0.0404
FR	161.2023	3	53.7341	0.5849	0.6249
ERROR	321556.8297	3499	91.8734		
CSF	77.0797	3	25.6932	0.2796	0.8399
CSR	0.1187	1	0.1187	0.0013	0.9713
CFR	33.6992	3	11.2331	0.1222	0.9469
SFR	647.9738	3	215.9913	2.3502	0.0706
ERROR	320736.2825	3489	91.9015		
CSFR	564.4572	3	188.1524	2.0492	0.1049
ERROR	320171.8253	3486	91.8187		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 203

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1575	49.21	7.35	30.50	73.60	39.72	44.03	48.88	54.38	58.75
NON-ACADEMIC	1437	49.89	7.82	31.47	77.26	39.89	44.23	49.72	55.03	60.14
MALES	1401	50.05	7.76	31.47	77.26	40.14	44.43	49.67	55.41	60.27
FEMALES	1611	49.08	7.40	30.50	73.83	39.52	43.87	48.95	54.06	58.74
ELEM F.ED.	862	49.76	7.93	31.57	76.85	39.64	43.76	49.35	55.32	60.21
HS F.ED.	820	49.88	7.48	32.54	77.26	40.17	44.68	49.74	54.60	59.44
COLL F.ED.	1115	49.15	7.31	30.50	73.81	39.81	44.05	48.83	54.13	58.80
D.K.F.ED.	215	49.33	7.92	31.47	71.33	38.91	43.59	49.65	55.01	59.84
BLACK	329	53.44	8.82	31.67	76.85	41.36	47.53	53.71	59.43	64.03
WHITE	2683	49.06	7.28	30.50	77.26	39.64	43.90	48.82	54.04	58.63
NOT IN SAMPLE	750	48.98	8.16	29.53	73.50	38.84	43.38	48.54	54.44	60.15

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	54.96	8.50	40.65	65.15	42.15	48.75	57.00	61.87	64.35
A	M	ELEM	W	140	49.76	7.17	33.69	67.63	41.18	44.17	48.92	55.05	59.17
A	M	HS	B	18	53.26	8.83	37.76	72.62	44.70	47.63	51.50	57.75	65.10
A	M	HS	W	201	50.10	7.51	32.64	68.52	40.09	44.52	50.09	55.83	59.82
A	M	COLL	B	17	51.96	10.25	31.67	65.95	35.55	47.25	54.38	59.25	62.40
A	M	COLL	W	367	49.62	7.13	34.64	67.64	40.36	44.52	49.28	54.56	58.93
A	M	D.K.	B	4	48.82	5.97	40.41	53.99	*	*	*	*	*
A	M	D.K.	W	17	48.11	5.90	39.86	61.19	40.05	44.75	48.00	52.12	56.40
A	F	ELEM	B	23	50.87	8.74	35.77	72.13	40.72	43.31	51.38	56.85	60.60
A	F	ELEM	W	116	49.20	7.99	32.56	65.15	38.10	44.00	48.97	55.17	58.80
A	F	HS	B	18	50.92	10.72	33.77	69.17	36.90	42.00	52.50	58.00	65.10
A	F	HS	W	169	48.58	6.34	32.60	65.67	39.68	44.25	48.62	52.89	56.83
A	F	COLL	B	8	52.82	5.87	43.84	59.73	44.70	46.50	54.00	55.50	59.73
A	F	COLL	W	423	47.89	7.07	30.50	73.60	38.94	43.03	47.63	52.36	57.27
A	F	D.K.	B	9	53.02	7.89	41.80	62.40	41.85	47.25	54.00	60.75	62.40
A	F	D.K.	W	34	48.06	7.24	34.84	63.31	38.55	43.00	47.50	53.00	59.10
N	M	ELEM	B	41	55.38	7.93	39.54	76.85	45.15	49.61	54.60	60.96	65.17
N	M	ELEM	W	194	49.24	8.23	33.47	73.34	38.73	43.02	48.66	55.27	60.01
N	M	HS	B	34	55.60	8.88	40.57	76.66	44.90	50.25	55.50	59.62	68.40
N	M	HS	W	151	49.40	7.63	32.54	77.26	39.52	44.19	49.09	53.20	59.74
N	M	COLL	B	16	54.51	8.28	34.55	68.34	44.40	49.50	55.50	60.00	63.60
N	M	COLL	W	121	49.67	7.21	31.47	69.29	40.89	44.25	49.26	54.80	59.59
N	M	D.K.	B	13	52.95	7.40	37.97	61.32	39.45	48.38	54.75	58.25	60.20
N	M	D.K.	W	56	47.75	8.66	31.47	66.89	37.10	41.25	47.79	53.50	59.55
N	F	ELEM	B	59	52.36	9.08	32.64	73.83	40.84	44.55	52.29	59.25	62.76
N	F	ELEM	W	278	48.67	7.21	31.57	68.68	39.16	43.19	48.57	53.64	58.37
N	F	HS	B	33	53.86	7.84	37.91	72.23	41.40	50.25	53.14	57.56	63.60
N	F	HS	W	196	49.09	6.76	32.54	70.13	40.71	44.36	49.06	52.67	58.16
N	F	COLL	B	7	58.37	14.35	38.21	73.81	38.55	40.13	60.75	68.25	73.81
N	F	COLL	W	156	49.58	6.84	33.41	66.40	40.64	45.07	49.60	54.44	58.63
N	F	D.K.	B	18	53.05	9.50	32.64	71.33	42.90	46.00	53.50	60.75	63.70
N	F	D.K.	W	64	49.45	7.40	32.66	67.41	40.65	44.25	50.40	54.95	58.35
TOTAL				3012	49.54	7.58	30.50	77.26	39.80	44.11	49.28	54.68	59.57

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 204

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1575	-0.02	7.45	-29.70	30.22	-9.47	-5.07	-0.24	4.92	9.53
NON-ACADEMIC	1437	0.50	7.87	-25.58	28.60	-9.37	-4.78	0.48	5.61	10.48
MALES	1401	0.10	7.85	-29.70	28.60	-9.56	-5.11	-0.17	5.19	10.28
FEMALES	1611	0.34	7.49	-21.90	30.22	-9.28	-4.82	0.35	5.32	9.80
ELEM F.ED.	862	0.94	8.21	-29.70	30.22	-9.24	-4.56	0.73	6.32	11.45
HS F.ED.	820	0.24	7.75	-28.07	25.89	-9.82	-4.81	0.35	5.35	9.72
COLL F.ED.	1115	-0.19	7.10	-21.47	26.76	-9.14	-5.26	-0.42	4.69	9.10
D.K.F.ED.	215	-0.49	7.61	-21.90	24.92	-10.43	-5.09	-0.52	4.76	8.43
BLACK	329	1.87	8.91	-25.58	28.60	-9.51	-3.98	1.96	7.69	13.38
WHITE	2683	0.03	7.47	-29.70	30.22	-9.41	-5.04	-0.06	4.99	9.57
NOT IN SAMPLE	750	-0.34	7.95	-27.43	31.23	-10.83	-5.65	-0.31	5.00	9.78

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	6.55	12.41	-7.08	26.76	-5.93	-4.83	1.00	15.98	22.45
A	M	ELEM	W	140	0.65	8.16	-29.70	26.11	-8.89	-4.57	0.11	5.50	11.67
A	M	HS	B	18	1.77	8.48	-15.52	13.35	-12.40	0.50	4.50	7.00	12.20
A	M	HS	W	201	0.14	7.94	-28.07	23.94	-9.80	-4.91	0.28	4.97	10.42
A	M	COLL	B	17	-1.19	7.31	-16.50	9.23	-14.60	-5.50	0.50	4.50	6.60
A	M	COLL	W	367	0.25	6.97	-21.26	19.30	-8.87	-4.73	-0.31	5.26	9.59
A	M	D.K.	B	4	-5.46	7.03	-15.73	-0.27	*	*	*	*	*
A	M	D.K.	W	17	-0.72	5.34	-13.25	8.59	-5.53	-3.90	-2.20	3.50	8.30
A	F	ELEM	B	23	-0.26	8.23	-16.94	12.28	-11.80	-4.50	1.67	6.25	10.70
A	F	ELEM	W	116	1.41	8.22	-21.04	30.22	-8.70	-4.50	1.56	6.89	12.11
A	F	HS	B	18	-0.83	8.91	-19.63	17.67	-12.40	-6.50	-0.80	4.75	12.40
A	F	HS	W	169	-0.26	7.30	-19.21	19.08	-10.04	-4.63	-0.37	4.82	8.62
A	F	COLL	B	8	1.05	12.50	-18.56	19.52	-15.71	-8.00	-0.00	8.00	17.71
A	F	COLL	W	423	-0.73	6.64	-21.26	21.79	-9.21	-5.53	-0.91	3.89	7.68
A	F	D.K.	B	9	-0.45	7.50	-8.49	11.29	-8.49	-7.75	-1.00	5.75	10.20
A	F	D.K.	W	34	-2.50	8.50	-20.83	14.76	-13.60	-8.50	-2.50	3.25	7.20
N	M	ELEM	B	41	2.06	9.82	-16.50	28.60	-9.45	-5.50	1.25	9.37	13.95
N	M	ELEM	W	194	-0.84	8.07	-23.74	23.41	-10.24	-5.93	-0.78	3.68	9.90
N	M	HS	B	34	2.45	9.95	-25.58	20.37	-9.30	-3.67	3.00	9.50	15.00
N	M	HS	W	151	-0.84	7.31	-18.77	19.30	-10.54	-6.04	-0.92	4.62	7.68
N	M	COLL	B	16	2.60	9.18	-6.22	26.76	-6.22	-5.00	-0.00	7.00	13.40
N	M	COLL	W	121	-0.02	7.86	-21.47	25.89	-9.63	-5.07	-0.25	5.55	10.38
N	M	D.K.	B	13	2.70	6.10	-8.28	12.28	-5.40	-1.50	3.50	7.50	9.70
N	M	D.K.	W	56	-1.19	8.45	-18.99	24.92	-11.60	-6.67	-2.00	4.50	8.40
N	F	ELEM	B	59	3.25	7.85	-14.67	20.59	-8.10	-1.50	3.80	8.93	13.40
N	F	ELEM	W	278	1.36	7.74	-18.00	26.11	-8.78	-4.06	1.40	6.68	10.96
N	F	HS	B	33	2.16	9.98	-17.15	25.89	-9.40	-3.90	0.33	7.50	18.70
N	F	HS	W	196	0.87	7.14	-16.94	22.00	-8.40	-4.11	1.04	5.79	9.57
N	F	COLL	B	7	1.11	10.27	-14.02	14.42	-14.02	-6.50	4.50	8.50	14.42
N	F	COLL	W	156	-0.22	7.27	-18.77	26.11	-9.20	-5.56	-0.00	4.63	9.68
N	F	D.K.	B	18	3.10	5.72	-5.03	14.98	-4.20	-2.33	3.00	7.50	11.20
N	F	D.K.	W	64	-0.11	7.32	-21.90	15.62	-9.87	-3.33	0.50	4.75	7.31
TOTAL				3012	0.23	7.66	-29.70	30.22	-9.42	-4.95	0.11	5.26	10.00

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5).

TABLE 205

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7563854.0637	3011			
MEAN	7390643.7079	1	7390643.7079	128475.1250	0.0000
ERROR	173210.3558	3010	57.5259		
CUR	110.5241	1	110.5241	1.9929	0.1583
SEX	702.7711	1	702.7711	12.6721	0.0005
F.ED	140.3948	3	46.7983	0.8439	0.4697
RACE	5268.9552	1	5268.9552	95.0080	0.0000
ERROR	166651.3018	3004	55.4580		
CS	159.0312	1	159.0312	2.8723	0.0903
CF	229.6581	3	76.5527	1.3826	0.2462
CR	259.3312	1	259.3312	4.6838	0.0306
SF	212.9203	3	70.9734	1.2818	0.2789
SR	66.3001	1	66.3001	1.1974	0.2741
FR	12.2856	3	4.0952	0.0740	0.9741
ERROR	165716.3547	2992	55.3680		
CSF	63.1232	3	21.0411	0.3796	0.7676
CSR	1.1448	1	1.1448	0.0207	0.8858
CFR	32.0340	3	10.6780	0.1927	0.9013
SFR	247.3978	3	82.4659	1.4879	0.2158
ERROR	165325.7474	2982	55.4227		
CSFR	66.7626	3	22.2542	0.4013	0.7520
ERROR	165258.9848	2979	55.4560		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 206

BEQ SCALE 3 (GENERAL LEISURE ACTIVITIES), 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	176819.7569	3011			
MEAN	159.0717	1	159.0717	2.7112	0.0999
ERROR	176660.6852	3010	58.6718		
CUR	29.8799	1	29.8799	0.5132	0.4740
SEX	37.4256	1	37.4256	0.6428	0.4230
F.ED	554.8240	3	184.9413	3.1762	0.0233
RACE	833.9070	1	833.9070	14.3216	0.0003
ERROR	174972.5647	3004	58.2272		
CS	394.8626	1	394.8626	6.8136	0.0091
CF	228.1581	3	76.0527	1.3123	0.2686
CR	245.2179	1	245.2179	4.2314	0.0397
SF	277.9883	3	92.6628	1.5989	0.1876
SR	129.7853	1	129.7853	2.2395	0.1347
FR	44.7717	3	14.9239	0.2575	0.8560
ERROR	173451.5443	2992	57.9524		
CSF	85.4171	3	28.4724	0.4905	0.6887
CSR	7.8712	1	7.8712	0.1356	0.7128
CFR	43.4218	3	14.4739	0.2493	0.8616
SFR	183.0851	3	61.0284	1.0513	0.3686
ERROR	173160.1212	2982	58.0490		
CSFR	347.9616	3	115.9872	2.0001	0.1119
ERROR	172812.1596	2979	57.9907		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 207

BEQ SCALE 4 (BREADTH OF READING), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	53.49	9.83	34.64	84.93	40.17	45.99	54.34	60.40	66.47
NON-ACADEMIC	1546	47.62	9.12	34.64	81.34	37.75	40.27	46.18	54.49	61.26
MALES	1507	50.82	9.71	34.64	81.34	38.75	42.38	51.18	57.00	64.98
FEMALES	1711	50.54	10.14	34.64	84.93	38.40	41.78	50.66	57.13	64.89
ELEM F.ED.	928	47.47	8.81	34.64	84.93	37.94	40.41	45.95	54.07	59.77
HS F.ED.	844	50.13	9.91	34.64	84.93	38.39	41.78	49.92	56.60	64.92
COLL F.ED.	1129	54.25	9.90	34.64	81.34	40.41	47.05	54.77	61.55	66.86
D.K.F.ED.	317	48.74	9.29	34.64	81.34	37.68	40.85	48.94	55.51	61.26
BLACK	368	48.19	9.65	34.64	84.93	37.59	40.29	47.40	54.96	62.07
WHITE	2850	50.99	9.93	34.64	81.34	38.72	42.36	51.45	57.29	65.13
NOT IN SAMPLE	3703	49.42	10.02	34.64	81.34	37.90	40.94	48.42	56.26	64.31

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	44.52	7.36	34.64	56.19	37.67	39.17	41.67	52.50	55.50
A	M	ELEM	W	149	50.36	8.91	34.64	81.34	38.96	43.15	51.37	55.98	62.00
A	M	HS	B	18	49.01	11.62	34.64	70.56	35.50	39.00	47.50	56.88	68.00
A	M	HS	W	210	52.55	9.57	34.64	81.34	40.14	44.92	52.61	59.53	65.94
A	M	COLL	B	17	54.29	8.14	41.83	70.56	43.67	48.13	55.00	60.42	65.75
A	M	COLL	W	370	55.56	9.39	34.64	81.34	42.36	49.00	55.46	63.20	67.28
A	M	D.K.	B	9	48.21	8.57	38.23	66.97	39.00	41.25	46.25	54.37	63.00
A	M	D.K.	W	34	54.19	8.89	38.23	74.15	40.33	49.00	55.28	60.71	65.75
A	F	ELEM	B	24	53.20	10.08	41.83	84.93	41.83	47.50	53.21	57.50	66.50
A	F	ELEM	W	138	49.63	9.11	34.64	77.74	38.26	42.40	49.88	56.29	62.60
A	F	HS	B	18	51.00	12.70	34.64	84.93	37.00	41.67	52.50	57.00	68.50
A	F	HS	W	176	52.70	9.76	34.64	77.74	39.92	45.09	53.17	59.29	65.98
A	F	COLL	B	9	53.80	11.64	34.64	74.15	37.00	48.75	55.00	61.25	73.00
A	F	COLL	W	427	55.65	9.92	34.64	81.34	41.53	49.45	55.80	62.44	67.82
A	F	D.K.	B	10	57.99	9.76	49.01	81.34	50.00	53.00	55.50	60.00	67.50
A	F	D.K.	W	51	50.63	9.23	34.64	77.74	38.91	42.39	51.43	56.83	61.71
N	M	ELEM	B	41	46.64	7.85	34.64	70.56	38.47	40.39	45.42	51.37	56.40
N	M	ELEM	W	212	46.27	8.21	34.64	77.74	37.72	39.86	44.13	52.12	56.88
N	M	HS	B	34	48.69	10.84	34.64	70.56	35.33	39.58	46.07	56.00	65.75
N	M	HS	W	158	47.96	9.12	34.64	74.15	38.21	40.68	46.90	54.93	61.93
N	M	COLL	B	16	52.60	6.29	41.83	66.97	45.50	49.50	53.50	57.50	61.50
N	M	COLL	W	126	49.98	9.22	34.64	74.15	38.46	42.40	50.83	56.75	62.72
N	M	D.K.	B	28	47.47	8.60	34.64	63.38	35.30	39.50	49.17	55.28	58.00
N	M	D.K.	W	73	47.34	9.41	34.64	77.74	35.82	39.63	47.22	54.61	60.33
N	F	ELEM	B	61	44.71	8.34	34.64	70.56	36.31	39.01	42.19	49.84	57.40
N	F	ELEM	W	291	46.20	8.50	34.64	81.34	37.79	39.85	44.03	52.26	59.03
N	F	HS	B	33	46.18	8.55	34.64	74.15	37.63	39.69	44.00	51.46	57.12
N	F	HS	W	197	47.92	9.54	34.64	77.74	37.42	40.26	46.75	55.03	63.37
N	F	COLL	B	7	46.96	12.07	34.64	70.56	36.00	38.75	41.67	53.75	69.00
N	F	COLL	W	157	51.25	10.23	34.64	81.34	38.54	41.72	52.36	58.42	65.32
N	F	D.K.	B	31	44.61	7.63	34.64	66.97	36.38	39.06	42.29	49.75	55.67
N	F	D.K.	W	81	47.40	8.59	34.64	77.74	37.76	40.65	46.96	54.01	57.21
TOTAL				3218	50.07	9.94	34.64	84.93	38.56	42.05	50.92	57.07	64.93

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire .
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 208

BEQ SCALE 4 (BREADTH OF READING), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1774	55.47	9.55	32.84	80.64	43.30	48.01	55.30	62.80	67.14
NON-ACADEMIC	1759	47.35	8.60	32.84	80.64	36.57	41.80	46.24	53.52	58.99
MALES	1653	51.35	10.11	32.84	80.64	38.33	44.00	50.78	57.74	65.49
FEMALES	1880	51.49	9.83	32.84	80.64	39.11	44.31	51.46	57.46	65.23
ELEM F.ED.	981	48.40	8.72	32.84	77.22	37.63	42.98	47.10	54.56	60.46
HS F.ED.	933	50.49	9.62	32.84	80.64	37.70	43.78	49.92	56.79	64.24
COLL F.ED.	1219	55.66	9.78	32.84	80.64	42.98	47.97	55.48	63.28	67.46
D.K.F.ED.	400	48.12	9.61	32.84	77.22	36.20	41.40	46.49	54.44	62.50
BLACK	564	48.03	8.96	32.84	80.64	37.28	42.32	46.54	53.94	60.93
WHITE	2969	52.07	10.01	32.84	80.64	39.22	44.62	52.39	58.72	65.73
NOT IN SAMPLE	4780	48.95	9.90	32.84	80.64	36.30	42.52	47.28	55.56	63.48

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	46.50	8.01	36.25	66.98	38.20	40.75	45.00	50.42	55.75
A	M	ELEM	W	151	52.18	9.15	32.84	77.22	41.00	45.52	51.90	57.39	65.28
A	M	HS	B	30	49.85	12.60	32.84	80.64	35.50	41.67	46.39	56.00	67.50
A	M	HS	W	219	54.03	9.17	32.84	73.81	42.46	47.46	54.35	60.76	65.90
A	M	COLL	B	20	50.76	7.66	36.25	66.98	42.50	45.00	49.50	55.00	62.50
A	M	COLL	W	394	58.15	9.24	32.84	80.64	45.05	52.73	57.93	64.82	68.87
A	M	D.K.	B	15	49.46	7.17	36.25	63.57	42.81	44.22	46.56	53.75	61.25
A	M	D.K.	W	36	55.88	9.70	36.25	73.81	43.64	47.50	55.23	62.50	69.50
A	F	ELEM	B	36	52.09	7.58	36.25	70.40	43.50	46.88	51.50	57.50	63.17
A	F	ELEM	W	126	53.46	8.92	32.84	77.22	43.04	46.98	53.93	58.18	65.44
A	F	HS	B	25	52.50	10.30	32.84	73.81	40.00	45.21	53.89	57.36	66.25
A	F	HS	W	180	54.54	9.41	32.84	77.22	42.63	46.18	55.13	61.69	66.17
A	F	COLL	B	13	59.63	10.42	43.08	73.81	45.75	52.92	63.13	67.19	71.75
A	F	COLL	W	445	57.56	9.18	36.25	80.64	45.00	51.88	56.72	64.29	69.63
A	F	D.K.	B	13	54.11	10.54	36.25	77.22	43.00	46.25	53.75	60.42	66.00
A	F	D.K.	W	54	53.61	8.96	39.67	73.81	43.36	46.25	52.86	58.12	66.33
N	M	ELEM	B	54	46.94	7.62	36.25	73.81	37.72	42.22	46.32	51.46	56.50
N	M	ELEM	W	219	45.70	7.09	32.84	70.40	35.46	40.91	45.41	51.16	56.19
N	M	HS	B	49	46.30	9.03	32.84	80.64	35.22	40.75	45.26	52.19	56.94
N	M	HS	W	163	46.88	8.17	32.84	70.40	36.38	41.30	45.88	52.75	58.20
N	M	COLL	B	21	47.80	7.97	32.84	60.15	38.60	41.75	48.13	54.69	59.00
N	M	COLL	W	136	51.29	9.64	36.25	73.81	39.70	44.21	49.89	56.90	65.41
N	M	D.K.	B	48	44.15	7.62	32.84	70.40	34.90	38.50	43.75	47.50	55.17
N	M	D.K.	W	81	45.16	9.12	32.84	73.81	35.20	38.88	43.98	50.47	57.44
N	F	ELEM	B	85	46.25	7.25	32.84	63.57	37.94	41.69	45.48	52.36	56.67
N	F	ELEM	W	293	46.85	8.23	32.84	77.22	36.94	41.88	45.84	53.09	57.68
N	F	HS	B	50	48.92	9.33	32.84	73.81	37.83	42.50	47.17	55.50	63.00
N	F	HS	W	211	47.39	8.29	32.84	70.40	35.90	42.87	46.92	53.64	57.16
N	F	COLL	B	20	44.62	8.40	36.25	70.40	36.25	38.93	42.50	50.00	55.83
N	F	COLL	W	170	50.98	8.82	32.84	73.81	39.89	44.19	50.98	56.83	64.17
N	F	D.K.	B	62	46.65	7.84	32.84	66.98	36.93	41.04	45.83	50.89	58.83
N	F	D.K.	W	91	46.45	9.41	32.84	66.98	34.89	38.84	45.48	54.25	59.75
TOTAL				3533	51.43	9.96	32.84	80.64	38.75	44.16	51.14	57.59	65.36

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 209

BEQ SCALE 4 (BREADTH OF READING), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1790	54.86	9.43	30.72	76.96	42.40	46.80	54.70	61.87	66.73
NON-ACADEMIC	1722	46.36	8.59	30.72	76.96	34.38	39.16	45.17	52.01	56.92
MALES	1641	49.70	10.01	30.72	76.96	35.55	42.18	47.88	56.12	63.88
FEMALES	1871	51.56	9.88	30.72	76.96	37.38	43.79	50.93	57.39	65.16
ELEM F.ED.	1053	47.52	8.94	30.72	76.96	34.88	40.39	45.94	53.61	58.77
HS F.ED.	961	50.02	9.69	30.72	76.96	36.17	42.70	48.50	56.36	63.66
COLL F.ED.	1236	54.82	9.58	30.72	76.96	41.63	46.82	54.57	61.92	66.89
D.K.F.ED.	262	46.44	9.79	30.72	70.35	33.38	38.24	45.08	52.03	60.38
BLACK	513	48.20	9.30	30.72	76.96	35.25	41.57	46.58	53.75	61.20
WHITE	2999	51.12	10.03	30.72	76.96	36.64	43.31	50.45	57.18	64.93
NOT IN SAMPLE	3354	49.28	9.97	30.72	76.96	35.00	41.56	47.31	55.91	63.63

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	49.25	6.72	40.63	63.75	42.90	44.25	46.50	53.75	60.50
A	M	ELEM	W	161	50.19	9.30	30.72	76.96	36.65	43.57	48.16	55.54	63.62
A	M	HS	B	30	50.52	9.97	34.02	70.35	36.25	41.00	52.50	58.12	64.17
A	M	HS	W	228	52.88	9.34	30.72	76.96	39.70	45.17	52.69	58.64	65.57
A	M	COLL	B	20	52.19	7.61	40.63	67.05	42.50	44.64	50.00	57.50	62.50
A	M	COLL	W	398	56.14	9.11	30.72	76.96	43.42	48.84	55.77	63.16	66.94
A	M	D.K.	B	6	44.48	7.65	30.72	50.54	30.72	40.00	45.00	48.75	50.54
A	M	D.K.	W	20	52.02	10.19	30.72	70.35	32.50	45.83	53.33	57.50	65.00
A	F	ELEM	B	37	52.59	8.47	34.02	67.05	40.20	45.21	52.75	57.37	64.42
A	F	ELEM	W	146	53.39	9.02	30.72	70.35	39.75	45.87	54.10	58.68	64.68
A	F	HS	B	27	51.76	11.81	30.72	73.66	36.00	43.75	50.00	59.58	68.25
A	F	HS	W	187	55.25	8.88	34.02	70.35	43.06	47.31	55.42	62.16	66.37
A	F	COLL	B	15	59.34	10.49	40.63	73.66	45.00	51.88	56.00	68.75	73.66
A	F	COLL	W	448	57.83	8.83	34.02	76.96	44.88	51.35	56.92	64.47	69.28
A	F	D.K.	B	11	58.79	11.27	37.32	70.35	38.00	51.25	61.67	66.25	69.75
A	F	D.K.	W	38	54.04	8.74	30.72	70.35	42.94	46.11	54.37	60.00	64.00
N	M	ELEM	B	55	45.03	7.74	30.72	63.75	33.64	37.39	44.87	49.12	54.37
N	M	ELEM	W	240	43.45	7.47	30.72	63.75	33.39	36.61	42.86	47.14	54.29
N	M	HS	B	50	47.71	10.74	30.72	76.96	34.32	37.92	45.68	53.75	62.50
N	M	HS	W	171	45.17	8.24	30.72	67.05	34.02	38.27	44.09	49.63	56.68
N	M	COLL	B	21	47.39	8.52	30.72	60.44	35.25	41.25	48.00	53.25	56.40
N	M	COLL	W	141	48.64	9.06	30.72	73.66	36.20	40.95	47.24	54.91	57.49
N	M	D.K.	B	23	43.07	6.92	30.72	53.84	33.80	37.25	43.89	47.08	52.00
N	M	D.K.	W	59	41.80	8.63	30.72	63.75	31.19	34.38	39.69	46.44	52.75
N	F	ELEM	B	87	45.90	7.50	30.72	63.75	34.88	40.10	45.00	49.90	55.65
N	F	ELEM	W	309	46.71	8.41	30.72	70.35	34.84	39.75	45.38	52.01	56.89
N	F	HS	B	56	46.82	7.53	30.72	67.05	34.80	42.75	46.25	52.50	56.32
N	F	HS	W	212	47.33	8.50	30.72	67.05	35.04	40.29	45.89	53.09	58.25
N	F	COLL	B	22	50.54	8.89	37.32	67.05	37.83	43.33	49.64	55.00	63.83
N	F	COLL	W	171	50.34	8.68	30.72	73.66	37.87	43.84	49.69	55.68	61.55
N	F	D.K.	B	35	44.59	7.96	30.72	70.35	33.75	38.13	44.44	49.31	52.22
N	F	D.K.	W	70	44.90	8.31	30.72	70.35	33.86	38.33	43.69	48.33	55.00
TOTAL				3512	50.69	9.96	30.72	76.96	36.37	43.09	49.58	56.82	64.62

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 210

BEQ SCALE 4 (BREADTH OF READING), GRADE 7, 1963

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8579918.0713	3217			
MEAN	8262047.6929	1	8262047.6929	83615.8125	0.0000
ERROR	317870.3784	3216	98.8096		
CUR	14243.5834	1	14243.5834	164.7435	0.0000
SEX	0.9578	1	0.9578	0.0111	0.9162
F.ED	11772.9965	3	3924.3322	45.3895	0.0000
RACE	187.6003	1	187.6003	2.1698	0.1410
ERROR	277620.1839	3210	86.4591		
CS	4.9196	1	4.9196	0.0567	0.8118
CF	138.8312	3	46.2771	0.5337	0.6588
CR	1.0856	1	1.0856	0.0125	0.9110
SF	61.0735	3	20.3578	0.2348	0.8723
SR	0.3359	1	0.3359	0.0039	0.9504
FR	34.8154	3	11.6051	0.1338	0.9399
ERROR	277360.9898	3198	86.7024		
CSF	63.9794	3	21.3265	0.2468	0.8636
CSR	1314.7762	1	1314.7762	15.2165	0.0001
CFR	144.6735	3	48.2245	0.5581	0.6426
SFR	451.6356	3	150.5452	1.7423	0.1562
ERROR	275543.5605	3188	86.4044		
CSFR	310.7859	3	103.5953	1.1992	0.3085
ERROR	275232.7746	3185	86.3882		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 211

BEQ SCALE 4 (BREADTH OF READING), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9693877.6008	3532			
MEAN	9343673.4639	1	9343673.4639	94236.0000	0.0000
ERROR	350204.1369	3531	99.1518		
CUR	34395.3432	1	34395.3432	437.3833	0.0000
SEX	294.5397	1	294.5397	3.7455	0.0532
F.ED	12163.4039	3	4054.4680	51.5580	0.0000
RACE	784.6016	1	784.6016	9.9773	0.0016
ERROR	277280.6009	3525	78.6389		
CS	10.4300	1	10.4300	0.1332	0.7152
CF	286.7364	3	95.5788	1.2206	0.3006
CR	492.2627	1	492.2627	6.2864	0.0123
SF	272.8096	3	90.9365	1.1613	0.3231
SR	261.4691	1	261.4691	3.3391	0.0678
FR	506.4102	3	168.8034	2.1557	0.0912
ERROR	275165.3762	3513	78.3055		
CSF	235.7984	3	78.5995	1.0055	0.3893
CSR	608.7978	1	608.7978	7.7879	0.0055
CFR	391.4391	3	130.4797	1.6691	0.1715
SFR	129.8916	3	43.2972	0.5539	0.6453
ERROR	273916.8129	3503	78.1726		
CSFR	418.3737	3	139.4579	1.7852	0.1478
ERROR	273498.4393	3500	78.1201		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 212

BEQ SCALE 4 (BREADTH OF READING), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9374268.4705	3511			
MEAN	9024643.4115	1	9024643.4115	90627.0625	0.0000
ERROR	349625.0589	3510	99.5799		
CUR	40578.8894	1	40578.8894	530.7393	0.0000
SEX	4668.6980	1	4668.6980	61.0628	0.0000
F.ED	13071.1142	3	4357.0381	56.9866	0.0000
RACE	44.1531	1	44.1531	0.5775	0.4474
ERROR	267982.6308	3504	76.4573		
CS	44.4732	1	44.4732	0.5822	0.4456
CF	411.6880	3	137.2293	1.7964	0.1457
CR	315.4782	1	315.4782	4.1299	0.0424
SF	323.7549	3	107.9183	1.4127	0.2371
SR	29.6682	1	29.6682	0.3884	0.5333
FR	35.4359	3	11.8120	0.1546	0.9266
ERROR	266827.6212	3492	76.3893		
CSF	28.4021	3	9.4674	0.1241	0.9457
CSR	316.3089	1	316.3089	4.1452	0.0420
CFR	177.4830	3	59.1610	0.7753	0.5074
SFR	443.8227	3	147.9409	1.9388	0.1212
ERROR	265776.3962	3482	76.3068		
CSFR	271.6939	3	90.5646	1.1870	0.3131
ERROR	265504.7023	3479	76.2945		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 213

BEQ SCALE 4 (BREADTH OF READING), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1571	54.76	7.95	33.93	77.44	44.20	49.36	54.47	60.42	65.55
NON-ACADEMIC	1435	47.19	6.97	32.73	74.86	38.36	42.12	46.51	51.68	56.91
MALES	1398	50.84	8.35	32.73	74.86	40.70	44.50	50.25	56.85	62.48
FEMALES	1608	51.41	8.43	33.83	77.44	40.96	44.85	50.92	57.36	62.95
ELEM F.ED.	862	47.87	7.20	33.83	73.00	39.37	42.61	47.04	52.14	58.08
HS F.ED.	818	50.36	7.95	33.93	74.86	40.59	44.32	49.95	55.57	61.24
COLL F.ED.	1114	55.02	8.04	35.13	77.44	44.26	49.49	54.95	60.67	65.91
D.K.F.ED.	212	47.14	8.04	32.73	76.30	36.78	41.21	46.39	51.96	58.22
BLACK	328	48.20	7.51	33.83	76.30	39.87	42.87	46.99	52.21	58.39
WHITE	2678	51.51	8.43	32.73	77.44	40.95	45.03	51.04	57.62	63.14
NOT IN SAMPLE	745	50.12	8.62	32.73	76.34	39.39	43.53	49.31	56.21	62.41

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	46.78	5.96	40.65	61.20	41.32	42.56	45.00	49.87	52.35
A	M	ELEM	W	140	51.08	7.42	34.93	73.00	41.65	45.94	50.47	55.50	60.83
A	M	HS	B	18	49.51	8.35	37.33	67.13	39.90	43.80	46.50	54.75	62.10
A	M	HS	W	201	53.36	7.85	35.07	71.67	43.09	47.49	53.23	58.75	65.08
A	M	COLL	B	17	52.10	7.05	42.97	65.80	43.05	46.75	51.00	55.25	63.45
A	M	COLL	W	366	56.46	7.53	37.21	73.97	46.57	51.11	56.82	61.82	66.36
A	M	D.K.	B	4	42.70	5.33	35.07	46.44	*	*	*	*	*
A	M	D.K.	W	17	53.49	5.92	42.99	65.77	45.60	50.44	53.40	56.62	62.40
A	F	ELEM	B	23	52.54	6.69	38.56	65.96	43.95	49.12	51.56	57.19	61.05
A	F	ELEM	W	116	52.12	7.57	34.93	71.63	42.03	46.50	51.95	57.95	62.40
A	F	HS	B	17	50.90	9.31	33.93	74.05	38.55	47.75	50.75	54.75	62.40
A	F	HS	W	169	54.24	7.47	36.13	72.87	44.36	49.34	53.80	60.02	63.52
A	F	COLL	B	8	59.98	7.56	47.16	72.77	48.90	57.00	59.50	61.50	71.10
A	F	COLL	W	422	57.05	7.75	37.27	77.44	46.41	51.42	57.03	62.49	67.21
A	F	D.K.	B	9	56.61	10.31	45.38	76.30	45.38	45.75	57.00	63.75	75.13
A	F	D.K.	W	33	53.41	7.38	41.65	72.87	44.65	47.13	52.80	57.75	61.27
N	M	ELEM	B	41	46.29	5.69	36.17	61.42	40.77	42.31	45.00	49.35	54.67
N	M	ELEM	W	194	45.19	6.07	33.93	66.03	37.23	41.20	44.58	49.02	53.70
N	M	HS	B	34	47.77	7.94	34.97	74.86	39.30	43.13	46.50	50.40	57.30
N	M	HS	W	151	46.81	6.67	33.93	64.95	37.98	42.18	46.26	50.67	56.04
N	M	COLL	B	16	49.35	6.44	35.13	60.12	42.30	45.00	49.50	54.50	57.60
N	M	COLL	W	122	50.08	7.30	36.07	69.08	40.97	45.00	49.50	55.62	59.95
N	M	D.K.	B	13	42.92	5.47	33.83	49.84	34.80	36.75	44.00	47.25	49.20
N	M	D.K.	W	53	44.33	7.32	32.73	63.66	34.93	37.75	43.36	49.03	54.60
N	F	ELEM	B	59	45.99	5.17	37.34	58.82	39.84	42.16	45.46	49.87	52.60
N	F	ELEM	W	278	46.62	6.82	33.83	70.65	38.02	42.00	45.91	50.74	56.14
N	F	HS	B	33	47.57	6.41	36.21	63.35	39.45	42.32	47.62	52.95	56.20
N	F	HS	W	195	47.60	6.86	33.93	67.00	38.87	42.25	47.04	52.15	56.77
N	F	COLL	B	7	47.54	9.43	38.35	63.83	39.60	41.25	43.00	56.25	62.40
N	F	COLL	W	156	51.03	7.17	36.11	71.57	41.49	45.71	51.00	55.50	60.15
N	F	D.K.	B	18	44.43	6.96	33.87	60.92	35.70	39.75	43.50	49.88	51.90
N	F	D.K.	W	65	45.16	6.29	36.04	61.45	37.82	39.91	43.39	50.02	54.00
TOTAL				3006	51.15	8.40	32.73	77.44	40.84	44.68	50.62	57.13	62.73

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 214

BEQ SCALE 4 (BREADTH OF READING), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1571	0.96	7.21	-28.99	25.25	-8.08	-3.65	0.85	5.54	10.83
NON-ACADEMIC	1435	-0.78	7.10	-26.24	25.05	-9.64	-5.08	-0.66	3.76	8.37
MALES	1398	-0.67	6.98	-25.84	25.25	-9.37	-5.09	-0.63	3.56	8.64
FEMALES	1608	0.82	7.33	-28.99	25.25	-8.49	-3.66	0.82	5.71	10.26
ELEM F.ED.	862	-0.05	6.90	-28.99	25.25	-8.73	-4.02	-0.17	4.31	9.28
HS F.ED.	818	0.08	7.60	-26.24	25.25	-9.62	-4.76	0.29	5.26	9.96
COLL F.ED.	1114	0.45	7.23	-23.91	25.05	-8.64	-4.27	0.50	4.99	9.95
D.K.F.ED.	212	-0.65	6.69	-20.55	20.38	-8.85	-4.63	-0.91	2.87	7.96
BLACK	328	0.03	7.61	-28.99	22.51	-9.28	-4.54	0.05	5.06	9.77
WHITE	2678	0.14	7.16	-26.24	25.25	-8.96	-4.32	0.13	4.76	9.63
NOT IN SAMPLE	745	-0.25	7.31	-23.70	19.97	-9.88	-4.59	-0.15	4.63	9.65

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	2.35	5.42	-6.34	11.04	-6.34	-0.50	2.33	6.50	9.80
A	M	ELEM	W	140	-0.17	6.83	-15.47	25.25	-8.67	-3.87	-0.44	3.17	9.00
A	M	HS	B	18	0.43	9.10	-13.54	20.58	-10.40	-5.50	-1.33	6.50	13.20
A	M	HS	W	201	0.35	6.62	-24.12	15.70	-8.20	-3.88	0.72	4.68	9.72
A	M	COLL	B	17	-1.69	4.58	-11.00	5.75	-7.53	-5.75	-1.00	1.38	4.30
A	M	COLL	W	366	0.23	7.16	-23.91	17.83	-9.09	-4.19	0.21	4.83	10.07
A	M	D.K.	B	4	-0.31	4.76	-5.31	6.16	*	*	*	*	*
A	M	D.K.	W	17	2.31	5.41	-6.53	13.16	-4.60	-1.17	1.67	5.75	10.60
A	F	ELEM	B	23	-0.69	7.80	-28.99	10.83	-5.80	-2.50	0.38	1.81	9.40
A	F	ELEM	W	116	2.55	7.28	-18.01	17.83	-7.40	-2.18	2.46	8.57	11.77
A	F	HS	B	17	1.00	8.64	-11.82	10.83	-10.30	-7.50	3.00	9.83	10.83
A	F	HS	W	169	1.80	7.92	-16.90	25.25	-8.24	-3.72	1.80	6.82	12.75
A	F	COLL	B	8	7.51	10.46	-4.41	22.51	-4.40	-2.00	2.00	14.00	19.50
A	F	COLL	W	422	1.50	6.99	-18.43	20.58	-7.25	-3.26	1.59	5.92	10.87
A	F	D.K.	B	9	-1.31	7.23	-13.34	7.88	-12.20	-5.75	-1.00	3.75	7.10
A	F	D.K.	W	33	1.48	8.81	-20.55	20.38	-9.40	-2.38	1.00	8.37	12.70
N	M	ELEM	B	41	-0.88	6.11	-14.16	15.70	-7.93	-4.38	-1.38	3.50	7.63
N	M	ELEM	W	194	-2.18	6.55	-25.84	13.58	-9.95	-5.59	-1.83	1.62	5.80
N	M	HS	B	34	-0.27	10.20	-21.16	17.63	-15.92	-8.33	1.00	6.60	11.60
N	M	HS	W	151	-2.01	7.24	-20.97	15.70	-9.99	-6.95	-1.84	1.69	7.11
N	M	COLL	B	16	-3.79	4.97	-13.96	3.21	-12.40	-6.67	-2.67	0.50	1.70
N	M	COLL	W	122	-0.83	6.93	-16.09	15.91	-9.60	-5.64	-1.08	3.87	8.72
N	M	D.K.	B	13	-1.36	6.48	-8.46	4.24	-7.40	-4.75	-1.50	2.75	4.24
N	M	D.K.	W	53	-2.85	6.45	-18.01	18.05	-9.67	-7.38	-3.00	-0.28	1.67
N	F	ELEM	B	59	0.96	7.64	-16.29	15.91	-9.10	-4.13	1.40	6.75	11.10
N	F	ELEM	W	278	0.29	6.50	-20.97	18.05	-8.03	-3.56	-0.11	4.87	9.22
N	F	HS	B	33	0.39	7.83	-26.04	11.24	-9.70	-3.17	1.75	5.75	9.70
N	F	HS	W	195	-0.18	7.46	-26.24	18.05	-10.78	-4.23	0.27	5.32	8.81
N	F	COLL	B	7	0.86	8.47	-14.16	10.22	-14.16	-4.50	1.50	8.50	10.22
N	F	COLL	W	156	-0.61	7.88	-21.37	25.05	-10.47	-6.00	-0.00	4.18	8.88
N	F	D.K.	B	18	0.33	7.06	-12.93	17.63	-9.20	-3.00	-0.40	3.50	8.40
N	F	D.K.	W	65	-0.77	5.83	-13.96	18.05	-8.25	-4.50	-0.63	3.10	6.60
TOTAL				3006	0.13	7.21	-28.99	25.25	-8.99	-4.34	0.12	4.78	9.64

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 215

BEQ SCALE 4 (BREADTH OF READING), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8075223.9619	3005			
MEAN	7863431.6864	1	7863431.6864	111569.6875	0.0000
ERROR	211792.2756	3004	70.4800		
CUR	24610.8170	1	24610.8170	472.5908	0.0000
SEX	741.3007	1	741.3007	14.2349	0.0002
F.ED	11124.5396	3	3708.1799	71.2066	0.0000
RACE	180.5334	1	180.5334	3.4667	0.0628
ERROR	156176.9507	2998	52.0764		
CS	21.7384	1	21.7384	0.4178	0.5182
CF	-332.7357	3	110.9119	2.1315	0.0942
CR	222.9466	1	222.9466	4.2845	0.0386
SF	53.2441	3	17.7480	0.3411	0.7954
SR	40.2332	1	40.2332	0.7732	0.3794
FR	30.0055	3	10.0018	0.1922	0.9017
ERROR	155429.2799	2986	52.0353		
CSF	8.5399	3	2.8466	0.0548	0.9832
CSR	521.8088	1	521.8088	10.0517	0.0016
CFR	162.3839	3	54.1280	1.0427	0.3725
SFR	175.0282	3	58.3427	1.1239	0.3381
ERROR	154543.0348	2976	51.9124		
CSFR	231.4721	3	77.1574	1.4870	0.2161
ERROR	154311.5627	2973	51.8869		

KEY

A	academic
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CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 4 (BREADTH OF READING), 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	156156.5560	3005			
MEAN	48.8521	1	48.8521	0.9404	0.3325
ERROR	156107.7038	3004	51.9493		
CUR	2292.3074	1	2292.3074	45.2676	0.0000
SEX	1896.5072	1	1896.5072	37.4515	0.0000
F.ED	66.4450	3	22.1483	0.4374	0.7263
RACE	27.9608	1	27.9608	0.5522	0.4577
ERROR	151866.4773	2998	50.6391		
CS	1.7474	1	1.7474	0.0344	0.8529
CF	35.9887	3	11.9962	0.2364	0.8707
CR	120.7049	1	120.7049	2.3789	0.1233
SF	126.1609	3	42.0536	0.8288	0.4777
SR	5.0217	1	5.0217	0.0990	0.7531
FR	18.5118	3	6.1706	0.1216	0.9472
ERROR	151562.2885	2986	50.7407		
CSF	157.0896	3	52.3632	1.0344	0.3762
CSR	16.3106	1	16.3106	0.3222	0.5704
CFR	165.9635	3	55.3212	1.0928	0.3508
SFR	529.4632	3	176.4877	3.4864	0.0153
ERROR	150700.9391	2976	50.6218		
CSFR	145.1781	3	48.3927	0.9559	0.4126
ERROR	150555.7609	2973	50.6240		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 217

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	51.14	9.53	30.81	75.83	38.86	44.87	51.77	58.04	64.26
NON-ACADEMIC	1546	49.21	10.10	30.81	75.83	35.20	42.83	49.70	56.26	62.75
MALES	1507	49.66	9.94	30.81	75.83	35.84	43.36	50.34	56.59	62.52
FEMALES	1711	50.70	9.76	30.81	75.83	38.21	44.30	51.17	57.69	64.32
ELEM F.ED.	928	49.43	9.87	30.81	75.83	36.78	43.15	49.74	56.33	63.19
HS F.ED.	844	49.99	9.99	30.81	75.83	36.50	43.49	50.48	57.02	63.48
COLL F.ED.	1129	51.56	9.35	30.81	75.83	39.42	45.51	52.31	58.23	64.23
D.K.F.ED.	317	48.30	10.61	30.81	75.83	32.30	41.16	48.98	56.06	62.59
BLACK	368	50.57	11.98	30.81	75.83	32.10	42.86	51.23	59.24	67.36
WHITE	2850	50.17	9.55	30.81	75.83	37.80	43.96	50.75	56.95	63.09
NOT IN SAMPLE	3703	49.81	10.12	30.81	75.83	35.80	43.08	50.46	57.10	63.71

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	51.65	11.30	30.81	68.33	33.50	42.50	54.17	56.67	66.50
A	M	ELEM	W	149	48.99	8.58	30.81	68.33	38.97	43.65	49.14	55.27	61.18
A	M	HS	B	18	50.40	14.23	30.81	75.83	30.81	43.00	47.50	60.00	73.00
A	M	HS	W	210	50.33	9.95	30.81	73.33	36.25	43.92	51.11	57.58	62.50
A	M	COLL	B	17	57.00	9.49	35.81	70.83	46.00	51.25	56.88	64.69	68.25
A	M	COLL	W	370	50.77	9.04	30.81	75.83	39.08	44.70	51.32	57.16	62.31
A	M	D.K.	B	9	46.37	12.86	30.81	65.83	30.81	31.25	50.00	56.25	63.00
A	M	D.K.	W	34	50.53	8.79	30.81	68.33	38.90	46.25	51.14	57.92	62.17
A	F	ELEM	B	24	51.45	11.88	30.81	73.33	31.50	45.00	52.50	60.83	69.00
A	F	ELEM	W	138	51.07	10.82	30.81	75.83	37.81	43.97	50.68	59.67	66.57
A	F	HS	B	18	53.60	11.48	30.81	70.83	39.50	46.25	52.50	64.00	66.70
A	F	HS	W	176	51.06	9.05	30.81	70.83	38.85	45.68	52.00	58.41	62.41
A	F	COLL	B	9	54.71	13.00	30.81	68.33	32.00	52.92	56.67	64.37	68.00
A	F	COLL	W	427	52.72	8.98	30.81	75.83	40.92	46.95	53.34	59.41	65.34
A	F	D.K.	B	10	50.82	12.76	30.81	68.33	32.50	41.25	52.50	61.25	67.50
A	F	D.K.	W	51	48.52	8.29	30.81	65.83	36.38	43.17	48.57	55.29	59.87
N	M	ELEM	B	41	48.32	12.53	30.81	75.83	30.81	39.06	47.92	57.25	66.12
N	M	ELEM	W	212	48.85	9.20	30.81	70.83	35.37	43.03	49.88	55.64	61.06
N	M	HS	B	34	49.42	10.90	30.81	75.83	33.50	41.88	51.50	55.62	60.50
N	M	HS	W	158	48.91	10.26	30.81	75.83	34.40	42.58	48.90	55.76	62.64
N	M	COLL	B	16	49.73	13.20	30.81	73.33	31.50	40.00	50.83	57.50	69.50
N	M	COLL	W	126	49.99	10.40	30.81	75.83	34.67	43.62	50.98	57.40	62.72
N	M	D.K.	B	28	46.09	13.07	30.81	75.83	30.81	35.00	44.50	55.00	68.00
N	M	D.K.	W	73	46.91	10.89	30.81	70.83	31.56	37.68	48.08	55.31	61.57
N	F	ELEM	B	61	52.67	10.36	30.81	75.83	40.25	46.63	53.96	59.75	64.75
N	F	ELEM	W	291	48.53	9.57	30.81	75.83	37.02	41.85	48.75	55.18	61.85
N	F	HS	B	33	49.61	12.00	30.81	70.83	33.25	41.56	48.75	57.19	68.37
N	F	HS	W	197	49.34	9.49	30.81	73.33	37.09	43.01	49.24	56.15	63.00
N	F	COLL	B	7	54.75	16.65	30.81	75.83	31.00	36.25	60.00	63.75	74.00
N	F	COLL	W	157	50.80	8.59	30.81	73.33	40.09	45.65	51.46	56.91	62.62
N	F	D.K.	B	31	48.88	11.67	30.81	73.33	31.37	40.94	47.92	56.25	67.00
N	F	D.K.	W	81	48.91	10.59	30.81	75.83	32.58	43.46	49.67	56.17	63.86
TOTAL				3218	50.21	9.85	30.81	75.83	37.38	43.85	50.79	57.12	63.64

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 218

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1698	52.02	9.23	25.63	77.28	40.23	46.08	51.64	57.37	65.10
NON-ACADEMIC	1637	49.21	9.87	25.63	77.28	35.04	43.26	49.51	55.21	62.61
MALES	1544	49.95	9.95	25.63	77.28	35.66	44.04	50.04	55.96	63.73
FEMALES	1791	51.25	9.35	25.63	77.28	38.12	45.33	51.02	56.71	64.43
ELEM F.ED.	926	49.78	10.12	25.63	77.28	35.37	43.46	49.68	56.09	64.08
HS F.ED.	876	50.45	9.59	25.63	77.28	36.24	44.78	50.71	56.21	63.26
COLL F.ED.	1175	51.76	9.07	25.63	77.28	40.49	45.95	51.27	56.85	64.70
D.K.F.ED.	356	49.70	10.10	25.63	77.28	34.87	43.67	50.00	55.75	64.02
BLACK	488	51.61	9.58	25.63	77.28	37.89	45.83	51.71	56.73	64.74
WHITE	2847	50.48	9.66	25.63	77.28	36.67	44.54	50.40	56.29	64.02
NOT IN SAMPLE	4408	49.52	10.23	25.63	77.28	34.86	43.32	49.61	55.67	63.91

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	13	51.24	14.79	28.50	71.54	30.75	38.75	53.33	64.37	69.25
A	M	ELEM	W	145	50.62	9.33	31.37	71.54	36.96	44.81	50.14	56.61	64.44
A	M	HS	B	21	52.11	11.07	31.37	77.28	35.25	46.25	52.00	59.69	64.75
A	M	HS	W	206	51.42	9.99	25.63	74.41	36.15	45.17	51.82	57.34	65.11
A	M	COLL	B	19	51.42	6.66	37.11	62.93	43.40	46.25	51.00	55.75	60.25
A	M	COLL	W	380	51.32	9.08	25.63	77.28	41.17	45.44	51.13	56.79	64.12
A	M	D.K.	B	13	50.66	9.13	34.24	62.93	39.00	44.58	51.25	55.94	61.00
A	M	D.K.	W	35	51.54	8.68	31.37	71.54	40.00	48.13	51.25	55.78	65.00
A	F	ELEM	B	32	53.52	8.90	37.11	77.28	42.70	47.50	53.06	57.50	65.50
A	F	ELEM	W	119	53.92	10.44	25.63	77.28	40.67	46.91	53.16	61.64	67.57
A	F	HS	B	24	54.82	8.10	39.98	71.54	43.50	49.50	54.38	59.17	66.50
A	F	HS	W	175	52.54	8.33	28.50	74.41	42.81	47.85	51.98	57.56	64.31
A	F	COLL	B	12	59.59	11.59	45.72	77.28	45.72	49.17	55.00	70.00	74.50
A	F	COLL	W	436	52.53	8.68	31.37	74.41	42.39	47.01	51.86	57.40	65.10
A	F	D.K.	B	13	49.86	8.61	34.24	65.80	39.00	44.58	50.00	55.42	64.25
A	F	D.K.	W	55	50.86	9.38	31.37	71.54	39.29	43.84	49.44	56.62	65.71
N	M	ELEM	B	49	52.69	9.09	34.24	71.54	36.58	48.07	53.39	58.44	65.43
N	M	ELEM	W	210	47.04	10.49	25.63	77.28	33.19	38.91	47.50	53.25	61.79
N	M	HS	B	44	48.67	10.40	25.63	74.41	33.17	43.13	49.50	55.00	63.25
N	M	HS	W	153	47.90	9.98	25.63	77.28	33.00	42.54	48.71	54.34	59.00
N	M	COLL	B	19	50.70	6.40	39.98	65.80	44.00	47.88	50.25	52.92	58.00
N	M	COLL	W	130	50.38	10.25	25.63	77.28	37.05	44.05	49.75	55.59	65.36
N	M	D.K.	B	35	49.74	10.42	28.50	68.67	33.33	43.13	50.00	56.25	64.37
N	M	D.K.	W	72	45.81	11.02	25.63	77.28	30.60	38.75	46.25	51.87	57.39
N	F	ELEM	B	78	50.09	9.76	25.63	71.54	37.25	44.53	50.28	55.69	62.75
N	F	ELEM	W	280	48.54	9.45	25.63	74.41	35.16	42.67	48.47	54.77	61.59
N	F	HS	B	49	51.52	8.70	28.50	71.54	42.25	46.53	52.27	56.42	62.62
N	F	HS	W	204	49.01	9.27	28.50	71.54	35.35	43.50	49.23	54.53	61.08
N	F	COLL	B	16	54.42	8.83	37.11	74.41	43.50	47.50	53.93	56.79	66.00
N	F	COLL	W	163	51.18	9.05	28.50	74.41	38.93	45.36	51.13	56.35	64.18
N	F	D.K.	B	51	52.33	9.16	34.24	68.67	36.75	47.75	52.00	57.19	65.40
N	F	D.K.	W	84	49.73	10.47	28.50	74.41	33.50	44.04	50.83	56.25	63.00
TOTAL				3335	50.65	9.55	25.63	77.28	36.81	44.71	50.58	56.37	64.14

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 219

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1759	52.21	9.43	24.34	76.34	39.44	44.51	52.83	58.95	64.53
NON-ACADEMIC	1649	48.14	9.93	24.34	76.34	35.23	40.69	47.03	55.24	60.89
MALES	1583	49.13	10.34	24.34	76.34	35.89	41.25	48.01	56.63	62.07
FEMALES	1825	51.21	9.36	24.34	76.34	38.67	43.85	51.47	57.67	62.60
ELEM F.ED.	1023	48.83	9.98	24.34	76.34	35.80	41.39	47.52	55.93	61.50
HS F.ED.	926	50.27	9.97	24.34	76.34	37.66	42.45	50.31	57.30	62.33
COLL F.ED.	1210	51.98	9.39	24.34	76.34	39.43	44.42	52.06	58.72	64.22
D.K.F.ED.	249	47.51	10.01	24.34	76.34	34.68	39.87	46.22	55.22	60.68
BLACK	474	50.67	10.36	24.34	76.34	37.60	42.58	49.91	58.09	64.31
WHITE	2934	50.17	9.80	24.34	76.34	37.59	42.80	49.80	57.13	62.21
NOT IN SAMPLE	3111	49.73	10.13	24.34	76.34	36.65	42.02	48.77	56.77	62.25

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	16	50.55	10.17	33.01	64.79	36.50	40.83	52.50	58.75	61.75
A	M	ELEM	W	160	49.53	10.16	27.23	73.45	36.25	42.05	47.92	56.76	62.50
A	M	HS	B	27	51.30	9.10	35.90	76.34	40.33	44.03	48.33	57.81	63.25
A	M	HS	W	227	51.51	10.00	24.34	76.34	38.70	43.61	51.13	58.78	64.65
A	M	COLL	B	20	54.67	10.12	38.78	73.45	40.83	45.83	54.50	62.50	70.00
A	M	COLL	W	392	51.78	9.59	24.34	76.34	39.37	44.02	51.16	58.75	63.50
A	M	D.K.	B	4	46.00	8.99	38.78	59.01	*	*	*	*	*
A	M	D.K.	W	19	48.27	8.39	34.09	61.90	38.40	41.25	46.88	55.31	59.33
A	F	ELEM	B	35	51.92	9.04	33.01	67.68	40.00	45.14	50.71	59.53	63.75
A	F	ELEM	W	147	52.32	9.32	27.23	73.45	39.31	44.79	53.37	57.81	64.86
A	F	HS	B	26	52.90	10.63	30.12	70.57	38.25	43.75	54.64	60.00	66.00
A	F	HS	W	184	53.06	8.76	27.23	73.45	39.98	46.07	54.20	59.26	64.00
A	F	COLL	B	13	59.45	7.06	47.45	70.57	49.00	55.63	60.00	66.25	70.33
A	F	COLL	W	441	53.85	8.75	24.34	76.34	42.36	46.21	54.29	60.04	66.45
A	F	D.K.	B	11	51.19	7.71	38.78	64.79	40.25	44.38	53.13	56.56	62.00
A	F	D.K.	W	37	48.86	8.13	27.23	64.79	38.00	41.96	49.58	55.69	59.80
N	M	ELEM	B	47	48.59	11.05	24.34	76.34	35.14	39.58	46.11	56.12	61.80
N	M	ELEM	W	229	45.00	9.74	24.34	67.68	33.11	38.15	44.22	51.35	58.12
N	M	HS	B	48	49.16	11.90	30.12	73.45	35.30	39.58	46.67	57.50	68.00
N	M	HS	W	161	47.07	10.11	24.34	73.45	33.64	39.33	47.00	54.49	60.32
N	M	COLL	B	20	51.79	10.50	33.01	70.57	37.50	43.75	52.50	59.50	62.50
N	M	COLL	W	136	47.37	9.98	24.34	76.34	34.44	39.88	46.47	54.64	60.73
N	M	D.K.	B	22	45.44	9.40	27.23	59.01	32.75	36.88	45.50	51.87	58.83
N	M	D.K.	W	55	44.77	12.03	24.34	70.57	28.33	36.09	42.29	53.54	61.00
N	F	ELEM	B	83	49.71	10.01	27.23	73.45	37.64	42.94	48.46	56.77	61.96
N	F	ELEM	W	306	49.02	9.45	27.23	76.34	36.85	42.02	47.74	55.57	61.00
N	F	HS	B	51	50.84	10.27	24.34	76.34	38.67	42.97	50.94	57.16	61.81
N	F	HS	W	202	48.51	9.36	24.34	67.68	36.14	41.64	47.86	55.49	60.50
N	F	COLL	B	19	53.80	10.30	35.90	76.34	42.00	45.25	53.13	60.62	70.25
N	F	COLL	W	169	50.19	8.10	33.01	70.57	39.07	43.64	49.00	56.04	60.65
N	F	D.K.	B	32	49.93	10.88	33.01	76.34	37.64	41.07	46.79	56.50	68.83
N	F	D.K.	W	69	47.78	9.46	30.12	67.68	35.29	40.52	45.97	55.37	60.55
TOTAL				3408	50.24	9.88	24.34	76.34	37.59	42.77	49.82	57.24	62.33

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 220

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 7, 1963

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8426473.8357	3217			
MEAN	8114080.1695	1	8114080.1695	83557.9375	0.0000
ERROR	312393.6662	3216	97.1072		
CUR	1622.8828	1	1622.8828	17.0493	0.0001
SEX	1022.3947	1	1022.3947	10.7409	0.0011
F.ED	2486.3181	3	828.9394	8.7085	0.0001
RACE	546.3510	1	546.3510	5.7397	0.0166
ERROR	305646.4887	3210	95.1873		
CS	52.0002	1	52.0002	0.5457	0.4602
CF	27.5486	3	9.1829	0.0964	0.9622
CR	17.7195	1	17.7195	0.1859	0.6663
SF	117.8267	3	39.2756	0.4122	0.7441
SR	208.0608	1	208.0608	2.1834	0.1397
FR	407.5369	3	135.8456	1.4256	0.2333
ERROR	304842.1507	3198	95.2930		
CSF	225.4543	3	75.1514	0.7877	0.5004
CSR	50.9057	1	50.9057	0.5336	0.4653
CFR	146.9925	3	48.9975	0.5136	0.6729
SFR	79.4794	3	26.4931	0.2777	0.8417
ERROR	304260.4059	3188	95.4094		
CSFR	516.1438	3	172.0479	1.8046	0.1442
ERROR	303744.2621	3185	95.3372		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 221

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8864786.3525	3334			
MEAN	8554100.1800	1	8554100.1800	91794.6875	0.0000
ERROR	310686.1726	3333	93.1873		
CUR	5571.4158	1	5571.4158	61.8011	0.0000
SEX	1707.1320	1	1707.1320	18.9364	0.0001
F.ED	947.0216	3	315.6739	3.5016	0.0149
RACE	1734.4554	1	1734.4554	19.2395	0.0001
ERROR	300021.3878	3327	90.1507		
CS	11.1058	1	11.1058	0.1233	0.7255
CF	1047.9299	3	349.3100	3.8775	0.0089
CR	178.5814	1	178.5814	1.9823	0.1596
SF	59.5088	3	19.8363	0.2202	0.8825
SR	0.3781	1	0.3781	0.0042	0.9484
FR	35.6065	3	11.8688	0.1318	0.9410
ERROR	298724.6472	3315	90.0859		
CSF	629.0072	3	209.6691	2.3343	0.0720
CSR	69.0872	1	69.0872	0.7692	0.3808
CFR	382.2932	3	127.4311	1.4188	0.2353
SFR	704.7219	3	234.9073	2.6153	0.0496
ERROR	296941.7535	3305	89.8191		
CSFR	54.4605	3	18.1535	0.2020	0.8950
ERROR	296887.2931	3302	89.8842		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 222

BEQ SCALE 5 (TALK WITH OTHERS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	3935441.0735	3407			
MEAN	8602755.4246	1	8602755.4246	88099.8750	0.0000
ERROR	332685.6489	3406	97.6477		
CUR	10522.2167	1	10522.2167	115.4550	0.0000
SEX	4599.3483	1	4599.3483	50.4663	0.0000
F.ED	3289.0404	3	1096.3468	12.0297	0.0001
RACE	1253.7102	1	1253.7102	13.7563	0.0003
ERROR	309956.7815	3400	91.1370		
CS	66.2527	1	66.2527	0.7274	0.3941
CF	199.8638	3	66.6213	0.7314	0.5329
CR	197.2352	1	197.2352	2.1654	0.1416
SF	302.3303	3	100.7768	1.1064	0.3452
SR	18.9232	1	18.9232	0.2078	0.6487
FR	439.7842	3	146.5947	1.6094	0.1851
ERROR	308692.1180	3388	91.0865		
CSF	54.0417	3	18.0139	0.1974	0.8983
CSR	41.2567	1	41.2567	0.4522	0.5015
CFR	70.5879	3	23.5293	0.2579	0.8555
SFR	246.5273	3	82.1758	0.9007	0.4399
ERROR	308277.3756	3378	91.2333		
CSFR	42.2896	3	14.0965	0.1544	0.9270
ERROR	308235.0860	3375	91.3019		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 223

BEQ SCALE 5 (TALK WITH OTHERS), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1496	51.88	7.13	26.93	72.90	42.47	46.90	51.89	56.77	61.26
NON-ACADEMIC	1325	48.89	7.37	28.85	72.90	39.04	43.71	48.79	53.87	58.37
MALES	1300	49.74	7.52	26.93	72.90	40.14	44.29	49.60	54.89	59.64
FEMALES	1521	51.11	7.23	28.85	72.90	41.56	46.39	51.08	55.90	60.74
ELEM F.ED.	806	49.58	7.53	28.85	71.81	39.79	44.35	49.20	54.67	60.19
HS F.ED.	757	50.29	7.44	26.93	72.90	40.61	45.32	50.48	55.38	59.74
COLL F.ED.	1064	51.79	7.03	30.75	72.90	42.53	46.86	51.78	56.37	60.97
D.K.F.ED.	194	47.75	7.30	31.61	67.41	38.32	42.25	47.62	52.92	57.13
BLACK	290	51.09	7.90	28.85	72.90	41.28	45.77	50.21	56.71	62.21
WHITE	2531	50.41	7.34	26.93	72.90	40.85	45.23	50.51	55.29	60.05
NOT IN SAMPLE	694	49.97	7.34	29.80	71.10	39.89	45.04	50.13	55.30	59.50

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	10	52.63	9.45	34.50	64.51	37.50	45.75	52.50	60.75	64.50
A	M	ELEM	W	135	50.04	7.05	34.23	66.42	41.37	44.46	49.57	55.15	60.55
A	M	HS	B	14	49.37	7.84	39.74	65.59	39.74	42.75	48.50	54.00	63.30
A	M	HS	W	189	51.22	7.61	26.93	69.18	41.47	45.93	51.65	56.51	60.45
A	M	COLL	B	16	54.76	5.83	45.24	66.32	47.10	49.50	54.50	58.50	62.70
A	M	COLL	W	351	51.28	7.08	35.52	69.81	41.81	45.73	51.49	56.23	60.57
A	M	D.K.	B	2	46.67	2.02	45.24	48.10	*	*	*	*	*
A	M	D.K.	W	15	49.11	4.44	41.65	56.72	42.75	46.13	49.13	52.75	55.00
A	F	ELEM	B	20	53.35	7.23	41.64	68.94	45.00	48.50	52.50	58.50	61.50
A	F	ELEM	W	110	52.82	8.00	32.06	71.81	43.50	47.84	51.72	58.67	63.35
A	F	HS	B	15	51.34	5.65	39.96	62.34	46.71	47.68	49.29	54.37	60.00
A	F	HS	W	162	52.29	6.55	33.97	71.94	43.26	48.48	53.01	56.28	60.43
A	F	COLL	B	8	58.09	6.32	47.78	67.39	48.90	52.50	57.50	61.50	65.10
A	F	COLL	W	406	53.04	6.81	30.75	72.90	44.01	48.40	52.68	57.64	61.96
A	F	D.K.	B	9	50.44	7.25	39.02	58.63	39.02	44.25	53.25	56.62	58.63
A	F	D.K.	W	34	49.53	6.74	37.23	63.68	40.80	44.25	49.93	54.37	58.20
N	M	ELEM	B	34	50.73	7.99	35.57	68.49	40.90	45.00	49.50	56.62	62.40
N	M	ELEM	W	180	47.01	6.91	28.85	68.10	37.70	42.13	47.32	52.60	55.21
N	M	HS	B	29	49.77	9.02	36.06	72.90	40.95	43.13	47.25	56.06	64.80
N	M	HS	W	136	48.23	7.35	29.80	67.13	37.98	42.62	48.33	52.96	58.06
N	M	COLL	B	14	50.82	7.86	40.93	67.01	42.60	45.75	48.30	57.00	63.30
N	M	COLL	W	115	49.41	7.74	31.74	70.97	39.00	44.05	48.97	54.03	58.29
N	M	D.K.	B	12	44.08	7.23	32.30	54.72	33.30	39.00	42.50	50.50	52.30
N	M	D.K.	W	48	45.58	7.87	31.61	62.35	35.90	39.90	44.50	51.75	56.40
N	F	ELEM	B	55	50.83	7.87	32.55	65.10	39.75	45.75	50.06	55.75	62.25
N	F	ELEM	W	262	48.92	7.12	30.78	69.28	39.27	43.92	48.50	54.10	58.80
N	F	HS	B	30	51.12	7.36	28.85	66.31	42.50	47.57	51.00	56.62	60.50
N	F	HS	W	182	49.02	7.41	29.55	67.01	39.19	43.59	49.07	54.00	58.47
N	F	COLL	B	7	54.76	8.81	46.54	72.64	47.55	49.13	51.75	56.25	71.40
N	F	COLL	W	147	50.68	5.99	31.61	67.40	42.73	46.84	51.16	54.70	57.99
N	F	D.K.	B	15	50.16	8.68	38.90	67.41	41.25	44.06	47.25	56.25	63.75
N	F	D.K.	W	59	47.90	7.03	33.40	65.22	38.93	42.52	48.19	52.58	55.65
TOTAL				2821	50.48	7.40	26.93	72.90	40.89	45.29	50.48	55.39	60.29

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 224

BEQ SCALE 5 (TALK WITH OTHERS), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1496	0.58	7.77	-29.06	30.15	-9.34	-4.67	0.68	5.78	10.25
NON-ACADEMIC	1325	-0.87	8.68	-24.70	32.19	-12.13	-6.50	-1.07	4.70	10.18
MALES	1300	-0.41	8.43	-29.06	24.03	-11.32	-6.02	-0.26	5.39	9.97
FEMALES	1521	0.17	8.07	-24.70	32.19	-9.92	-5.19	0.07	5.28	10.39
ELEM F.ED.	806	-0.70	8.64	-24.97	32.19	-11.83	-6.24	-0.96	4.93	9.87
HS F.ED.	757	0.05	8.25	-29.06	26.62	-10.56	-5.58	0.45	5.51	10.26
COLL F.ED.	1064	0.28	7.77	-24.15	24.30	-9.65	-4.84	0.24	5.47	10.19
D.K.F.ED.	194	-0.26	8.89	-21.16	26.07	-11.90	-6.60	-0.67	5.22	12.32
BLACK	290	-0.73	9.55	-24.70	26.62	-12.57	-7.12	-1.14	5.21	12.29
WHITE	2531	-0.03	8.07	-29.06	32.19	-10.38	-5.38	0.02	5.35	10.10
NOT IN SAMPLE	694	-0.24	8.69	-27.02	28.66	-11.54	-5.66	0.14	5.57	9.83

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	10	-2.17	6.46	-10.01	8.78	-10.01	-7.50	-2.00	3.00	6.00
A	M	ELEM	W	135	0.50	8.34	-24.97	17.90	-9.80	-5.32	1.00	6.65	11.00
A	M	HS	B	14	-0.54	10.74	-18.02	19.94	-11.20	-8.50	-2.00	7.00	16.48
A	M	HS	W	189	0.76	7.76	-29.06	21.98	-9.22	-5.17	1.65	6.22	9.88
A	M	COLL	B	16	-2.45	8.55	-19.13	9.60	-15.83	-8.00	-2.00	3.00	8.40
A	M	COLL	W	351	0.87	7.59	-21.72	22.54	-8.99	-4.02	0.74	6.15	10.32
A	M	D.K.	B	2	-4.70	2.89	-6.75	-2.66	*	*	*	*	*
A	M	D.K.	W	15	-0.57	9.32	-17.36	14.64	-11.67	-10.17	-2.33	5.63	11.00
A	F	ELEM	B	20	-1.62	9.05	-24.70	15.18	-15.00	-3.33	-0.00	2.00	8.00
A	F	ELEM	W	110	0.20	8.60	-18.88	30.15	-10.00	-5.31	-0.00	4.50	10.00
A	F	HS	B	15	-2.40	12.44	-23.48	24.03	-17.12	-10.50	-5.00	5.25	13.00
A	F	HS	W	162	1.23	7.38	-15.59	21.98	-7.60	-3.92	1.04	5.63	10.32
A	F	COLL	B	8	6.80	6.77	0.76	19.94	0.76	1.33	4.00	11.00	15.99
A	F	COLL	W	406	0.64	7.30	-24.15	20.77	-8.90	-4.42	0.59	5.70	10.33
A	F	D.K.	B	9	-2.82	6.32	-13.00	4.42	-12.20	-7.50	-1.00	1.75	4.42
A	F	D.K.	W	34	-0.06	6.42	-15.85	13.81	-7.73	-3.83	-0.50	4.60	7.60
N	M	ELEM	B	34	1.57	10.08	-20.07	19.94	-13.20	-5.00	1.00	8.50	15.74
N	M	ELEM	W	180	-3.11	8.47	-24.70	19.94	-14.40	-8.57	-3.60	2.73	8.25
N	M	HS	B	29	-2.51	8.18	-18.17	14.64	-15.87	-7.38	-0.50	1.93	7.10
N	M	HS	W	136	-0.92	8.77	-24.70	24.03	-12.27	-5.75	-1.20	5.22	9.80
N	M	COLL	B	14	1.53	9.83	-10.55	21.98	-10.55	-8.50	2.67	7.50	13.20
N	M	COLL	W	115	-2.00	8.63	-23.76	19.94	-13.67	-6.94	-1.46	3.58	8.20
N	M	D.K.	B	12	-1.56	10.41	-18.58	15.85	-16.43	-8.00	3.00	5.00	5.90
N	M	D.K.	W	48	-0.73	10.07	-21.16	18.17	-15.25	-8.00	-1.33	5.00	13.28
N	F	ELEM	B	55	-2.82	9.02	-19.13	26.62	-13.00	-8.56	-4.38	1.12	9.00
N	F	ELEM	W	262	0.24	8.33	-20.62	32.19	-10.32	-4.86	0.09	5.35	10.20
N	F	HS	B	30	1.05	10.58	-20.62	26.62	-15.00	-5.00	-0.00	9.00	13.00
N	F	HS	W	182	-0.53	7.92	-23.21	20.49	-10.23	-6.62	-0.00	4.87	10.16
N	F	COLL	B	7	0.60	14.85	-15.55	21.98	-15.16	-12.50	-4.50	15.87	19.54
N	F	COLL	W	147	-0.55	7.67	-18.30	24.30	-10.37	-5.30	-1.00	3.63	10.10
N	F	D.K.	B	15	2.67	7.89	-11.50	14.91	-5.00	-2.83	1.00	7.25	14.50
N	F	D.K.	W	59	0.16	9.52	-20.32	26.07	-12.04	-7.42	-0.38	5.56	12.10
TOTAL				2821	-0.10	8.24	-29.06	32.19	-10.65	-5.55	-0.07	5.33	10.22

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 225

BEQ SCALE 5 (TALK WITH OTHERS), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7341869.3115	2820			
MEAN	7187576.7783	1	7187576.7783	131367.0000	0.0000
ERROR	154292.5333	2819	54.7137		
CUR	4496.4852	1	4496.4852	87.9129	0.0000
SEX	1742.3281	1	1742.3281	34.0651	0.0001
F.ED	1896.3815	3	632.1272	12.3590	0.0000
RACE	762.4535	1	762.4535	14.9071	0.0002
ERROR	143927.7081	2813	51.1470		
CS	15.9581	1	15.9581	0.3120	0.5765
CF	136.8121	3	45.6040	0.8916	0.4447
CR	82.5977	1	82.5977	1.6149	0.2041
SF	139.8404	3	46.6135	0.9114	0.4346
SR	3.3631	1	3.3631	0.0658	0.7977
FR	289.7287	3	96.5762	1.8882	0.1294
ERROR	143314.8603	2801	51.1474		
CSF	57.9536	3	19.3179	0.3775	0.7691
CSR	0.5750	1	0.5750	0.0112	0.9156
CFR	153.3125	3	51.1042	0.9988	0.3924
SFR	221.2115	3	73.7372	1.4411	0.2289
ERROR	142858.0875	2791	51.1670		
CSFR	3.3057	3	1.1019	0.0215	0.9957
ERROR	142854.7818	2788	51.2208		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 226

BEQ SCALE 5 (TALK WITH OTHERS), 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	191443.2197	2820			
MEAN	28.8042	1	28.8042	0.4244	0.5149
ERROR	191414.4154	2819	67.8775		
CUR	1163.8609	1	1163.8609	17.2864	0.0001
SEX	317.7978	1	317.7978	4.7201	0.0300
F.ED	128.2840	3	42.7613	0.6351	0.5921
RACE	30.4962	1	30.4962	0.4529	0.5010
ERROR	189461.1547	2813	67.3281		
CS	285.4553	1	285.4553	4.2478	0.0395
CF	162.8868	3	54.2956	0.8080	0.4892
CR	368.5048	1	368.5048	5.4837	0.0193
SF	33.1402	3	11.0467	0.1644	0.9204
SR	43.6320	1	43.6320	0.6493	0.4207
FR	174.3705	3	58.1235	0.8649	0.4585
ERROR	188294.1245	2801	67.1999		
CSF	123.5754	3	41.1918	0.6145	0.6054
CSR	132.7321	1	132.7321	1.9802	0.1596
CFR	53.7712	3	17.9237	0.2674	0.8488
SFR	818.7421	3	272.9140	4.0715	0.0068
ERROR	187148.5198	2791	67.0303		
CSFR	667.2369	3	222.4123	3.3264	0.0190
ERROR	186481.2830	2788	66.8632		

KEY

- A academic
- B black
- BEQ Background and Experience Questionnaire
- COLL college
- CF curriculum-father's education interaction
- CR curriculum-race interaction
- CS curriculum-sex interaction
- CUR curriculum
- D.K. respondent did not know
- ELEM elementary school
- F female
- F.ED father's education
- HS high school
- M male
- MAX maximum
- MIN minimum
- N (when in "curriculum" column) non-academic
- N number of cases
- NDF number of degrees of freedom
- SCAT School and College Ability Tests
- S.D. standard deviation
- STEP Sequential Tests of Educational Progress
- TGI Test of General Information
- W white
- * no valid statistic (N < 5)

TABLE 227

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	52.76	8.62	17.96	65.89	42.71	48.10	54.07	58.69	62.45
NON-ACADEMIC	1546	49.47	9.79	17.96	65.89	36.18	43.92	50.69	56.59	61.49
MALES	1507	50.60	9.70	17.96	65.89	37.95	45.35	52.02	57.21	61.80
FEMALES	1711	51.69	8.99	17.96	65.89	39.96	46.25	53.01	58.14	62.29
ELEM F.ED.	928	49.59	9.79	17.96	65.89	36.20	44.13	51.01	56.45	61.50
HS F.ED.	844	50.51	9.52	17.96	65.89	38.11	45.00	52.07	57.24	61.85
COLL F.ED.	1129	53.54	8.07	17.96	65.89	43.64	49.05	54.63	59.20	62.72
D.K.F.ED.	317	49.20	10.03	17.96	65.89	34.76	43.66	50.04	56.67	61.39
BLACK	368	49.07	10.34	17.96	65.89	33.36	42.90	50.32	56.72	61.91
WHITE	2850	51.45	9.17	17.96	65.89	39.81	46.23	53.03	57.78	62.10
NOT IN SAMPLE	3703	48.98	10.43	17.96	65.89	33.99	43.71	50.71	56.44	61.11

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	43.25	12.91	17.96	61.53	28.50	35.00	40.83	55.00	57.25
A	M	ELEM	W	149	50.24	10.19	17.96	65.89	37.95	44.95	52.20	57.08	62.53
A	M	HS	B	18	46.20	14.86	17.96	65.89	24.50	31.25	49.17	59.38	63.00
A	M	HS	W	210	51.85	8.71	17.96	65.89	40.83	46.77	53.47	57.39	61.79
A	M	COLL	B	17	57.43	7.23	41.20	65.89	46.00	53.54	57.08	63.96	65.89
A	M	COLL	W	370	53.58	7.71	17.96	65.89	44.74	49.93	54.65	58.67	62.18
A	M	D.K.	B	9	45.71	10.44	28.12	61.53	29.75	42.92	46.67	51.87	58.00
A	M	D.K.	W	34	51.49	10.67	17.96	62.98	41.00	48.13	54.58	58.44	61.62
A	F	ELEM	B	24	50.70	10.98	26.67	65.89	33.50	45.00	51.67	59.17	64.50
A	F	ELEM	W	138	51.84	7.40	22.31	65.89	43.13	46.58	51.76	56.97	60.94
A	F	HS	B	18	51.60	8.83	33.93	65.89	39.50	45.00	53.21	56.43	63.00
A	F	HS	W	176	52.78	8.20	22.31	65.89	42.63	48.03	53.64	58.93	62.87
A	F	COLL	B	9	54.43	9.81	35.39	65.89	37.00	48.75	56.25	61.87	65.25
A	F	COLL	W	427	54.66	7.61	17.96	65.89	44.51	50.32	55.46	60.04	63.62
A	F	D.K.	B	10	51.22	9.89	32.48	61.53	32.50	45.00	52.50	58.33	60.83
A	F	D.K.	W	51	50.91	9.10	25.22	65.89	42.54	45.27	51.56	57.62	61.45
N	M	ELEM	B	41	48.67	11.11	26.67	65.89	32.67	40.21	50.71	57.34	61.71
N	M	ELEM	W	212	48.90	10.00	17.96	65.89	34.50	43.38	50.55	56.13	61.06
N	M	HS	B	34	48.54	8.85	26.67	62.98	34.50	43.89	49.50	55.25	58.50
N	M	HS	W	158	48.07	10.30	17.96	65.89	34.92	43.01	49.05	55.75	60.80
N	M	COLL	B	16	47.10	9.35	25.22	58.63	34.00	43.50	47.50	54.50	56.90
N	M	COLL	W	126	51.97	8.66	17.96	65.89	42.21	46.20	52.98	58.30	62.65
N	M	D.K.	B	28	45.50	10.58	23.77	65.89	31.50	38.75	45.00	52.50	59.50
N	M	D.K.	W	73	46.23	10.72	19.41	65.89	30.75	40.54	46.81	53.65	59.20
N	F	ELEM	B	61	49.34	8.97	28.12	65.89	37.57	43.75	50.16	55.73	61.30
N	F	ELEM	W	291	49.05	9.99	17.96	65.89	35.39	43.60	50.56	56.09	61.56
N	F	HS	B	33	50.97	9.93	31.03	65.89	35.75	44.38	52.92	59.46	63.37
N	F	HS	W	197	49.57	9.71	17.96	65.89	36.96	43.98	50.71	56.68	61.48
N	F	COLL	B	7	49.08	10.80	31.03	60.08	31.03	44.38	50.00	58.12	60.06
N	F	COLL	W	157	52.02	8.65	17.96	65.89	41.85	47.14	53.22	58.44	61.71
N	F	D.K.	B	31	47.24	9.49	29.58	65.89	31.37	42.08	47.86	53.75	59.75
N	F	D.K.	W	81	51.99	8.60	32.48	65.89	38.00	46.25	52.66	58.96	63.90
TOTAL				3218	51.18	9.34	17.96	65.89	38.98	45.83	52.82	57.84	62.05

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

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TABLE 228

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1732	54.08	7.83	22.00	67.13	43.82	48.94	55.07	60.37	63.70
NON-ACADEMIC	1688	49.17	9.77	5.07	67.13	35.88	43.62	49.64	56.74	61.69
MALES	1586	51.49	9.22	8.83	67.13	39.27	45.86	51.99	59.01	62.30
FEMALES	1834	51.81	9.13	5.07	67.13	39.35	46.28	52.36	59.22	63.15
ELEM F.ED.	951	49.57	9.78	5.07	67.13	36.18	43.78	50.13	57.25	61.85
HS F.ED.	902	51.60	9.25	5.07	67.13	39.15	46.13	52.08	59.08	62.35
COLL F.ED.	1194	53.67	8.07	14.47	67.13	43.47	48.56	54.49	60.23	63.79
D.K.F.ED.	373	50.71	9.39	8.83	67.13	38.38	44.87	50.86	58.56	62.34
BLACK	515	50.72	10.26	10.71	67.13	36.94	44.66	51.23	58.81	63.41
WHITE	2905	51.83	8.96	5.07	67.13	39.86	46.33	52.35	59.16	62.53
NOT IN SAMPLE	4548	48.75	10.41	5.07	67.13	34.44	42.89	49.70	56.96	61.62

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	14	51.01	8.72	37.04	67.13	39.50	44.38	50.00	58.75	64.00
A	M	ELEM	W	147	52.08	9.03	22.00	67.13	40.86	45.91	53.20	59.46	62.28
A	M	HS	B	25	53.97	10.95	22.00	67.13	40.00	47.81	56.67	61.61	65.00
A	M	HS	W	212	54.09	7.77	27.64	67.13	43.74	48.85	54.93	60.20	63.08
A	M	COLL	B	19	55.95	6.15	44.56	67.13	47.25	50.94	56.88	61.04	64.33
A	M	COLL	W	386	54.48	7.29	29.52	67.13	44.83	49.49	55.41	60.37	63.48
A	M	D.K.	B	14	48.45	8.23	35.16	61.48	36.00	43.13	47.50	51.88	59.00
A	M	D.K.	W	35	55.52	7.27	38.92	67.13	44.38	50.94	58.33	61.25	64.00
A	F	ELEM	B	34	53.54	8.10	32.65	67.13	41.00	48.89	53.75	59.58	64.10
A	F	ELEM	W	124	53.60	8.99	22.00	67.13	41.36	48.50	55.50	60.42	63.62
A	F	HS	B	25	54.51	8.51	33.28	67.13	41.25	51.25	56.43	60.89	64.37
A	F	HS	W	176	53.48	7.65	31.40	67.13	43.96	48.37	53.53	60.00	63.67
A	F	COLL	B	12	56.00	9.80	38.92	67.13	43.00	47.50	59.17	63.75	66.00
A	F	COLL	W	441	54.85	7.32	31.40	67.13	45.26	49.84	55.76	60.81	64.30
A	F	D.K.	B	13	55.12	6.49	42.68	63.36	45.75	50.63	55.63	60.42	63.36
A	F	D.K.	W	55	53.66	7.18	37.04	67.13	43.57	48.56	54.09	59.58	62.33
N	M	ELEM	B	51	47.95	9.32	25.76	65.25	35.25	43.13	47.75	54.82	60.29
N	M	ELEM	W	212	47.26	9.41	10.71	65.25	34.80	42.07	47.72	54.02	59.50
N	M	HS	B	48	47.83	12.14	14.47	65.25	32.00	42.95	48.93	57.95	61.23
N	M	HS	W	157	49.69	9.71	10.71	67.13	36.23	44.15	50.27	57.92	61.48
N	M	COLL	B	21	53.00	9.99	23.88	67.13	43.88	47.75	53.13	60.42	64.87
N	M	COLL	W	132	50.51	9.24	23.88	67.13	37.06	44.89	51.12	58.33	62.46
N	M	D.K.	B	37	48.68	11.72	10.71	67.13	38.00	41.96	49.25	55.94	61.80
N	M	D.K.	W	76	47.55	9.18	8.83	67.13	37.00	43.03	47.95	52.27	59.94
N	F	ELEM	B	80	47.82	11.71	14.47	67.13	32.50	41.07	49.08	55.68	63.86
N	F	ELEM	W	289	48.50	9.61	5.07	67.13	35.30	43.07	48.84	55.73	61.07
N	F	HS	B	51	51.03	9.12	25.76	67.13	38.42	45.25	50.78	57.68	63.25
N	F	HS	W	208	49.30	9.59	5.07	67.13	36.13	43.81	49.94	56.91	61.18
N	F	COLL	B	16	49.96	9.68	35.16	63.36	36.50	43.33	46.67	59.17	63.36
N	F	COLL	W	167	51.16	9.10	14.47	67.13	39.56	45.49	51.46	58.26	62.86
N	F	D.K.	B	55	52.01	9.33	31.40	67.13	37.00	46.09	52.29	60.10	64.06
N	F	D.K.	W	88	49.43	9.67	25.76	67.13	35.21	43.68	49.75	57.50	62.61
TOTAL				3420	51.66	9.17	5.07	67.13	39.31	46.07	52.19	59.12	62.68

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 229

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1772	53.68	8.07	13.35	68.52	42.68	49.12	54.35	59.66	64.40
NON-ACADEMIC	1681	46.91	10.12	5.74	68.52	32.83	40.23	48.14	54.25	59.83
MALES	1609	50.70	9.73	5.74	68.52	37.97	45.45	51.94	57.46	62.94
FEMALES	1844	50.11	9.73	11.45	68.52	37.51	43.54	51.22	56.92	62.49
ELEM F.ED.	1040	48.19	10.36	5.74	68.52	33.79	41.27	49.45	55.52	61.59
HS F.ED.	938	50.34	9.74	13.35	68.52	37.69	44.47	51.69	57.19	62.32
COLL F.ED.	1224	52.73	8.54	14.11	68.52	40.77	48.10	53.51	59.03	64.02
D.K.F.ED.	251	48.22	9.91	17.15	68.52	34.72	41.01	49.64	55.56	60.81
BLACK	488	51.05	10.25	13.35	68.52	36.77	44.48	52.24	58.58	64.29
WHITE	2965	50.28	9.64	5.74	68.52	37.77	44.32	51.48	57.01	62.38
NOT IN SAMPLE	3175	49.58	10.27	5.74	68.52	35.44	43.12	51.16	56.59	62.46

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	16	50.67	12.47	26.67	66.62	30.50	42.50	52.50	61.25	64.83
A	M	ELEM	W	160	52.01	9.09	17.15	68.52	39.58	47.22	53.25	58.70	63.97
A	M	HS	B	28	54.32	11.65	13.35	68.52	46.50	52.50	56.00	62.50	66.00
A	M	HS	W	227	53.55	7.95	24.76	68.52	43.47	49.36	54.38	59.28	63.98
A	M	COLL	B	20	53.59	8.56	36.18	64.72	42.50	48.50	55.00	60.83	64.17
A	M	COLL	W	395	54.47	7.46	20.96	68.52	45.87	50.34	54.98	60.02	64.51
A	M	D.K.	B	4	44.26	10.58	32.37	57.11	*	*	*	*	*
A	M	D.K.	W	19	52.30	9.52	34.28	68.52	38.63	42.19	54.00	59.06	63.00
A	F	ELEM	B	35	54.23	7.00	34.28	68.52	43.75	49.84	54.23	57.71	62.08
A	F	ELEM	W	147	52.29	8.70	26.67	68.52	39.69	47.85	52.58	58.42	63.68
A	F	HS	B	27	54.01	9.02	34.28	68.52	40.33	48.75	53.57	62.75	66.80
A	F	HS	W	186	53.55	7.65	30.47	68.52	42.37	47.88	54.24	59.62	63.73
A	F	COLL	B	13	57.84	9.72	34.28	66.62	39.00	53.75	62.86	65.18	66.57
A	F	COLL	W	447	54.25	7.50	28.57	68.52	43.60	49.53	54.59	59.83	64.63
A	F	D.K.	B	11	58.15	5.60	47.59	64.72	50.25	54.38	59.38	62.92	64.72
A	F	D.K.	W	37	51.45	7.71	26.67	64.72	43.71	47.60	51.46	56.25	62.87
N	M	ELEM	B	53	49.44	10.93	22.86	68.52	35.75	42.03	48.96	56.46	65.58
N	M	ELEM	W	236	44.77	10.32	5.74	66.62	30.21	38.55	47.03	52.09	56.61
N	M	HS	B	49	51.87	9.29	22.86	68.52	42.00	48.25	52.33	57.97	62.62
N	M	HS	W	165	47.27	9.96	17.15	68.52	32.81	40.95	48.54	54.86	60.12
N	M	COLL	B	21	49.77	10.68	32.37	68.52	33.00	42.92	49.58	59.69	64.75
N	M	COLL	W	139	49.14	9.40	14.11	68.52	38.48	42.66	49.35	55.82	62.89
N	M	D.K.	B	22	49.50	7.99	30.47	60.91	38.00	46.25	51.07	55.42	58.83
N	M	D.K.	W	55	45.62	9.92	17.15	62.82	31.67	38.75	48.47	52.29	57.19
N	F	ELEM	B	85	48.28	10.89	24.76	66.62	32.92	40.80	48.75	55.94	63.25
N	F	ELEM	W	308	45.81	10.10	11.45	68.52	31.55	39.11	46.65	53.27	58.15
N	F	HS	B	51	48.68	10.46	22.48	64.72	32.63	41.25	50.75	56.35	60.56
N	F	HS	W	205	45.36	9.95	13.35	68.52	31.46	39.16	46.45	52.75	57.14
N	F	COLL	B	20	51.86	11.41	28.57	64.72	37.50	41.25	55.00	62.50	64.72
N	F	COLL	W	169	47.56	8.97	20.96	66.62	36.00	41.65	48.63	54.02	58.47
N	F	D.K.	B	33	50.42	9.19	32.37	64.72	37.75	41.88	51.87	56.81	63.37
N	F	D.K.	W	70	44.66	10.40	20.96	62.82	30.83	39.53	44.17	53.18	58.33
TOTAL				3453	50.39	9.73	5.74	68.52	37.70	44.34	51.58	57.17	62.71

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 230

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8709691.5015	3217			
MEAN	8428858.2626	1	8428858.2626	96554.1875	0.0000
ERROR	280833.2388	3216	87.2966		
CUR	3981.2391	1	3981.2391	48.2473	0.0000
SEX	1187.6988	1	1187.6988	14.3933	0.0002
F.ED	5059.4589	3	1686.4863	20.4380	0.0000
RACE	363.6432	1	363.6432	4.4069	0.0359
ERROR	264962.9069	3210	82.5173		
CS	9.0994	1	9.0994	0.1103	0.7400
CF	191.9508	3	63.9836	0.7754	0.5075
CR	98.3188	1	98.3188	1.1915	0.2753
SF	383.2140	3	127.7380	1.5480	0.2001
SR	69.2453	1	69.2453	0.8392	0.3600
FR	223.1261	3	74.3754	0.9013	0.4396
ERROR	263975.3111	3198	82.5181		
CSF	586.9400	3	195.6467	2.3810	0.0677
CSR	227.9081	1	227.9081	2.7736	0.0962
CFR	1189.7833	3	396.5944	4.8265	0.0024
SFR	233.4002	3	77.8001	0.9468	0.4170
ERROR	262043.3056	3188	82.1710		
CSFR	369.4047	3	123.1349	1.4992	0.2128
ERROR	261673.9009	3185	82.1324		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 231

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9415009.9646	3419			
MEAN	9127248.1393	1	9127248.1393	108444.0000	0.0000
ERROR	287761.8253	3418	84.1655		
CUR	14354.9164	1	14354.9164	185.6166	0.0000
SEX	311.0812	1	311.0812	4.0224	0.0452
F.ED	2909.1673	3	969.7224	12.5390	0.0001
RACE	49.4059	1	49.4059	0.6388	0.4244
ERROR	263949.0956	3412	77.3364		
CS	4.8520	1	4.8520	0.0627	0.8024
CF	137.2434	3	45.7478	0.5910	0.6208
CR	30.5790	1	30.5790	0.3951	0.5297
SF	254.4363	3	84.8121	1.0957	0.3497
SR	90.6738	1	90.6738	1.1715	0.2795
FR	124.9270	3	41.6423	0.5380	0.6562
ERROR	263243.5138	3400	77.4018		
CSF	113.1361	3	37.7120	0.4875	0.6908
CSR	67.5287	1	67.5287	0.8730	0.3505
CFR	283.0181	3	94.3394	1.2196	0.3010
SFR	455.9619	3	151.9873	1.9648	0.1171
ERROR	262306.6475	3390	77.3538		
CSFR	242.9211	3	80.9737	1.0468	0.3706
ERROR	262063.7265	3387	77.3506		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 232

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9092785.2256	3452			
MEAN	8765730.9812	1	8765730.9812	92520.6875	0.0000
ERROR	327054.2444	3451	94.7434		
CUR	30824.6345	1	30824.6345	376.9666	0.0000
SEX	55.1306	1	55.1306	0.6742	0.4119
F.ED	3399.2573	3	1133.0858	13.8570	0.0001
RACE	3048.9028	1	3048.9028	37.2862	0.0001
ERROR	281779.9429	3445	81.7702		
CS	281.3987	1	281.3987	3.4484	0.0636
CF	123.9818	3	41.3273	0.5064	0.6775
CR	608.8771	1	608.8771	7.4615	0.0065
SF	499.8877	3	166.6292	2.0420	0.1059
SR	40.0307	1	40.0307	0.4906	0.4838
FR	134.8861	3	44.9620	0.5510	0.6474
ERROR	280223.3522	3433	81.6026		
CSF	147.3333	3	49.1111	0.6021	0.6134
CSR	261.6944	1	261.6944	3.2084	0.0734
CFR	73.3115	3	24.4372	0.2996	0.8255
SFR	502.8327	3	167.6109	2.0550	0.1041
ERROR	279275.9059	3423	81.5642		
CSFR	270.5530	3	90.1843	1.1058	0.3454
ERROR	279005.3529	3420	81.5567		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 233

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1533	53.62	5.69	22.61	67.18	46.54	50.15	53.98	57.73	60.78
NON-ACADEMIC	1376	48.59	7.03	21.82	66.55	39.38	44.02	48.78	53.73	57.49
MALES	1339	51.20	6.91	21.82	66.55	41.75	47.12	51.93	56.23	59.61
FEMALES	1570	51.28	6.78	24.08	67.18	41.99	46.85	51.86	56.18	59.82
ELEM F.ED.	835	49.37	7.21	23.83	66.55	39.58	44.52	49.67	54.66	58.30
HS F.ED.	781	50.85	6.82	21.82	67.18	41.87	46.74	51.65	55.57	58.89
COLL F.ED.	1091	53.40	5.81	30.06	67.18	45.81	49.81	53.75	57.68	60.72
D.K.F.ED.	202	48.89	7.17	25.08	66.21	39.22	44.25	49.12	54.29	58.08
BLACK	306	50.21	7.74	21.82	65.92	39.69	45.09	50.63	55.79	60.33
WHITE	2603	51.36	6.71	23.83	67.18	42.18	47.17	52.02	56.24	59.67
NOT IN SAMPLE	719	50.38	6.97	27.47	66.70	41.16	45.79	51.00	55.23	59.29

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	49.21	8.96	36.35	63.19	36.35	42.75	50.00	58.87	61.35
A	M	ELEM	W	137	51.59	6.78	33.79	66.55	42.72	47.57	52.13	56.57	60.16
A	M	HS	B	15	50.35	10.50	22.61	62.88	36.00	46.13	53.00	57.37	60.75
A	M	HS	W	195	53.21	5.37	37.19	64.64	46.56	49.97	53.88	56.98	59.68
A	M	COLL	B	16	55.99	5.31	48.62	64.64	48.90	51.50	55.50	60.75	63.60
A	M	COLL	W	357	54.27	5.21	37.66	65.43	47.21	50.70	54.62	58.25	60.86
A	M	D.K.	B	3	43.07	5.57	37.52	48.66	*	*	*	*	*
A	M	D.K.	W	15	53.13	6.00	44.32	66.21	47.00	49.25	53.00	56.75	63.00
A	F	ELEM	B	21	52.68	7.22	37.72	63.69	40.80	48.75	52.20	57.56	62.40
A	F	ELEM	W	115	53.06	5.85	37.05	64.47	44.06	49.93	53.79	57.25	60.09
A	F	HS	B	16	53.13	6.29	41.09	62.91	42.90	49.50	54.00	58.50	60.90
A	F	HS	W	164	53.34	5.19	41.33	67.18	46.55	49.74	53.05	57.41	60.67
A	F	COLL	B	8	55.81	6.01	45.68	63.40	45.90	52.50	55.50	60.00	62.10
A	F	COLL	W	417	54.57	5.16	35.26	67.18	48.19	51.27	54.64	58.11	61.30
A	F	D.K.	B	9	55.34	5.20	44.7[illegible]	61.94	46.20	51.38	56.25	59.62	61.80
A	F	D.K.	W	34	51.66	5.67	36.91	64.46	44.90	48.00	52.50	55.05	58.20
N	M	ELEM	B	36	49.75	7.60	35.56	65.92	39.06	44.25	49.50	56.00	59.10
N	M	ELEM	W	186	47.26	6.77	23.83	60.18	38.22	43.54	47.72	52.16	55.73
N	M	HS	B	32	48.58	7.99	21.82	63.05	39.30	44.36	49.50	54.00	56.30
N	M	HS	W	141	48.67	7.04	28.25	64.46	38.76	44.17	49.17	53.83	57.28
N	M	COLL	B	16	49.88	7.59	30.06	63.65	42.30	46.50	50.70	54.00	57.60
N	M	COLL	W	119	50.70	6.59	32.25	66.55	41.97	46.93	51.19	55.12	59.38
N	M	D.K.	B	12	47.06	6.47	37.83	59.55	39.30	42.00	46.50	52.50	55.20
N	M	D.K.	W	48	46.31	7.75	25.08	62.14	35.70	41.10	47.50	51.75	56.60
N	F	ELEM	B	56	49.07	8.31	29.40	65.91	37.95	43.50	49.50	54.68	61.74
N	F	ELEM	W	273	47.89	6.94	25.00	64.66	39.04	43.17	47.71	52.58	57.14
N	F	HS	B	31	49.82	5.98	36.03	60.52	40.80	46.75	49.33	54.19	57.24
N	F	HS	W	187	48.24	7.25	24.08	66.55	39.64	43.47	48.45	53.84	57.04
N	F	COLL	B	7	47.70	7.83	37.28	58.95	37.28	41.63	47.25	56.25	58.95
N	F	COLL	W	151	50.47	6.04	34.84	64.64	42.27	46.46	50.06	54.88	58.69
N	F	D.K.	B	17	47.57	7.40	34.99	62.11	38.55	42.38	46.88	51.75	59.40
N	F	D.K.	W	64	48.41	6.80	32.44	62.42	39.20	43.90	48.00	53.36	57.80
TOTAL				2909	51.24	6.84	21.82	67.18	41.89	46.98	51.89	56.20	59.72

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 23L

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1533	0.49	7.79	-23.16	33.06	-8.80	-4.66	-0.09	4.95	9.99
NON-ACADEMIC	1376	-2.01	9.06	-28.37	31.72	-13.30	-7.93	-2.25	3.56	9.49
MALES	1339	0.11	8.51	-27.73	33.06	-10.04	-5.19	-0.35	4.98	10.98
FEMALES	1570	-1.38	8.44	-28.37	31.72	-11.80	-6.63	-1.50	3.84	8.97
ELEM F.ED.	835	-0.98	9.15	-26.39	31.72	-12.05	-7.10	-1.22	4.62	11.17
HS F.ED.	781	-0.44	8.88	-28.37	33.06	-11.66	-5.75	-0.62	4.93	10.00
COLL F.ED.	1091	-0.60	7.56	-25.36	31.72	-9.42	-5.43	-0.98	3.73	8.49
D.K.F.ED.	202	-0.98	9.05	-27.34	30.37	-12.51	-6.21	-1.47	5.62	9.76
BLACK	306	0.55	8.94	-24.53	33.06	-11.53	-5.17	0.40	6.41	12.62
WHITE	2603	-0.84	8.44	-28.37	31.72	-10.99	-5.96	-1.09	4.06	9.52
NOT IN SAMPLE	719	0.03	8.47	-26.39	27.68	-10.56	-5.82	0.09	5.27	10.74

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	3.26	7.04	-9.78	15.00	-5.80	-0.50	3.25	6.50	13.80
A	M	ELEM	W	137	1.15	9.38	-23.16	29.03	-10.33	-5.28	0.50	7.10	13.65
A	M	HS	B	15	5.21	13.35	-13.68	33.06	-12.50	-5.25	6.50	16.13	26.29
A	M	HS	W	195	1.39	7.79	-19.59	26.51	-8.14	-3.92	0.94	6.53	11.50
A	M	COLL	B	16	-2.30	7.22	-14.28	10.86	-11.40	-7.33	-2.67	2.00	8.80
A	M	COLL	W	357	0.62	7.07	-20.54	31.72	-7.27	-3.72	0.07	4.23	8.88
A	M	D.K.	B	3	-1.54	4.39	-5.75	3.01	*	*	*	*	*
A	M	D.K.	W	15	3.34	9.29	-9.08	30.37	-8.50	-2.25	2.50	6.83	9.00
A	F	ELEM	B	21	1.58	9.34	-18.24	15.99	-7.90	-4.75	1.00	7.50	13.93
A	F	ELEM	W	115	0.47	7.65	-19.27	20.74	-8.90	-4.95	0.36	5.44	11.00
A	F	HS	B	16	-0.31	8.55	-15.16	17.35	-10.80	-6.00	-2.67	6.00	10.80
A	F	HS	W	164	0.16	8.29	-21.96	28.64	-10.13	-5.08	-0.57	4.67	9.93
A	F	COLL	B	8	1.37	11.52	-18.24	19.40	-15.65	-8.00	2.00	8.00	15.88
A	F	COLL	W	417	-0.46	7.03	-21.64	31.72	-8.99	-5.28	-0.89	3.89	8.04
A	F	D.K.	B	9	3.30	8.13	-7.16	18.76	-6.20	-1.50	1.50	7.50	15.38
A	F	D.K.	W	34	0.49	8.13	-14.38	21.21	-7.80	-5.25	-0.50	5.67	11.20
N	M	ELEM	B	36	2.14	8.66	-14.28	20.43	-9.40	-4.00	2.50	6.00	14.80
N	M	ELEM	W	186	-2.64	9.49	-26.39	24.21	-14.13	-9.19	-3.11	2.12	10.69
N	M	HS	B	32	1.41	8.03	-13.75	15.68	-9.60	-4.00	2.67	7.33	11.60
N	M	HS	W	141	-0.70	9.34	-27.73	27.68	-11.95	-5.54	-0.50	3.97	10.90
N	M	COLL	B	16	1.19	9.23	-13.11	15.92	-8.80	-6.00	-2.00	10.00	14.80
N	M	COLL	W	119	-1.46	8.04	-16.97	31.01	-11.13	-7.16	-1.62	3.70	9.55
N	M	D.K.	B	12	0.10	7.74	-9.64	14.40	-8.80	-5.00	-2.67	4.00	11.60
N	M	D.K.	W	48	0.01	9.09	-19.98	19.54	-10.40	-5.67	-2.00	7.00	11.20
N	F	ELEM	B	56	-0.82	7.95	-20.87	17.42	-12.40	-5.20	0.50	4.00	7.70
N	F	ELEM	W	273	-2.34	9.31	-24.33	31.72	-14.77	-8.59	-2.95	3.34	9.34
N	F	HS	B	31	-2.52	10.86	-24.53	18.69	-19.61	-12.25	-0.75	4.25	9.80
N	F	HS	W	187	-3.11	8.80	-28.37	23.89	-13.87	-9.77	-2.82	2.25	8.26
N	F	COLL	B	7	-1.44	10.02	-16.19	12.91	-15.36	-10.50	-1.00	6.50	12.60
N	F	COLL	W	151	-3.28	8.54	-25.36	31.33	-13.16	-7.75	-3.81	1.04	5.69
N	F	D.K.	B	17	1.18	7.49	-12.16	14.40	-8.60	-5.17	4.50	7.10	8.60
N	F	D.K.	W	64	-4.86	9.31	-27.34	15.36	-17.47	-10.67	-4.67	2.00	6.64
TOTAL				2909	-0.69	8.50	-28.37	33.06	-11.04	-5.88	-0.97	4.35	9.78

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 235

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7774409.1648	2908			
MEAN	7638447.9026	1	7638447.9026	163374.4375	0.0000
ERROR	135961.2622	2907	46.7542		
CUR	12000.0649	1	12000.0649	303.6953	0.0000
SEX	114.7334	1	114.7334	2.9037	0.0886
F.ED	2862.0580	3	954.0193	24.1441	0.0000
RACE	46.8157	1	46.8157	1.1848	0.2767
ERROR	114668.0739	2901	39.5135		
CS	62.9637	1	62.9637	1.5923	0.2072
CF	46.9567	3	15.6522	0.3958	0.7557
CR	72.3791	1	72.3791	1.8304	0.1764
SF	169.3689	3	56.4563	1.4278	0.2327
SR	20.0185	1	20.0185	0.5063	0.4769
FR	45.7151	3	15.2384	0.3854	0.7635
ERROR	114276.4927	2889	39.5421		
CSF	38.2480	3	12.7493	0.3230	0.8088
CSR	154.4595	1	154.4595	3.9128	0.0482
CFR	346.6276	3	115.5425	2.9269	0.0326
SFR	137.6319	3	45.8773	1.1622	0.3228
ERROR	113689.5828	2879	39.4756		
CSFR	234.3900	3	78.1300	1.9812	0.1147
ERROR	113455.1928	2876	39.4353		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 236

BEQ SCALE 6 (ACADEMIC COURSE INTERESTS), 1ST ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	211671.3871	2908			
MEAN	1396.0073	1	1396.0073	19.3060	0.0001
ERROR	210275.3797	2907	72.3093		
CUR	4773.9645	1	4773.9645	68.1833	0.0000
SEX	1276.1416	1	1276.1416	18.2262	0.0001
F.ED	208.6320	3	69.5440	0.9932	0.3949
RACE	927.2503	1	927.2503	13.2433	0.0003
ERROR	203188.2732	2901	70.0167		
CS	56.8534	1	56.8534	0.8122	0.3676
CF	157.0231	3	52.3410	0.7478	0.5233
CR	124.0769	1	124.0769	1.7726	0.1834
SF	432.6682	3	144.2227	2.0605	0.1034
SR	38.7607	1	38.7607	0.5538	0.4569
FR	129.4603	3	43.1534	0.6165	0.6040
ERROR	202286.5219	2889	69.9954		
CSF	118.5314	3	39.5105	0.5649	0.6379
CSR	14.4983	1	14.4983	0.2073	0.6490
CFR	146.0210	3	48.6737	0.6959	0.5542
SFR	606.3185	3	202.1062	2.8896	0.0343
ERROR	201434.8245	2879	69.9427		
CSFR	124.3646	3	41.4549	0.5924	0.6196
ERROR	201310.4599	2876	69.9724		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 237

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1572	52.68	10.53	38.06	87.15	39.93	44.23	51.28	60.54	69.13
NON-ACADEMIC	1546	48.71	9.33	38.06	87.15	39.03	41.33	47.58	54.98	62.28
MALES	1507	48.96	9.49	38.06	87.15	39.06	41.41	47.87	55.41	62.34
FEMALES	1711	52.37	10.47	38.06	87.15	39.84	43.84	51.00	60.38	68.67
ELEM F.ED.	928	48.48	9.39	38.06	87.15	38.95	41.14	47.09	54.39	62.41
HS F.ED.	844	49.95	9.74	38.06	80.60	39.30	41.99	48.85	56.92	64.53
COLL F.ED.	1129	53.66	10.55	38.06	83.88	40.41	45.74	52.47	61.18	69.73
D.K.F.ED.	317	49.37	9.67	38.06	80.60	39.08	41.46	48.12	56.25	65.09
BLACK	368	50.90	9.60	38.06	87.15	39.95	43.83	49.82	58.17	66.02
WHITE	2850	50.76	10.24	38.06	87.15	39.34	42.11	49.48	58.74	66.89
NOT IN SAMPLE	3703	49.33	9.81	38.06	87.15	39.09	41.47	48.30	56.26	63.96

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	52.52	13.92	38.06	87.15	39.00	41.25	50.00	60.00	66.50
A	M	ELEM	W	149	48.45	9.11	38.06	74.06	39.19	41.73	46.51	54.48	62.62
A	M	HS	B	18	53.34	10.04	38.06	80.60	42.00	46.67	52.50	59.38	68.50
A	M	HS	W	210	48.40	8.49	38.06	77.33	39.07	41.42	48.14	53.62	61.31
A	M	COLL	B	17	56.54	10.79	38.06	74.06	43.67	47.92	58.33	66.87	71.33
A	M	COLL	W	370	51.60	10.33	38.06	83.88	39.73	43.47	50.35	59.34	67.73
A	M	D.K.	B	9	48.97	6.94	38.06	60.97	39.75	43.75	49.38	52.19	58.00
A	M	D.K.	W	34	47.69	9.43	38.06	70.79	38.92	41.04	45.62	52.08	64.00
A	F	ELEM	B	24	54.97	10.64	38.06	80.60	43.50	48.61	51.94	60.83	74.00
A	F	ELEM	W	138	51.15	9.39	38.06	77.33	39.88	43.70	49.80	59.33	66.00
A	F	HS	B	18	52.42	12.20	38.06	74.06	39.30	42.00	51.25	61.67	73.00
A	F	HS	W	176	54.31	10.84	38.06	80.60	40.17	46.17	53.03	61.59	70.97
A	F	COLL	B	9	56.24	7.15	44.61	67.52	47.00	50.63	56.25	61.87	67.52
A	F	COLL	W	427	56.98	10.46	38.06	83.88	42.35	49.44	57.95	64.86	71.70
A	F	D.K.	B	10	52.46	13.38	38.06	74.06	38.75	40.63	47.50	65.00	72.50
A	F	D.K.	W	51	53.78	10.83	38.06	74.06	39.63	43.44	53.00	62.08	71.12
N	M	ELEM	B	41	47.00	7.57	38.06	67.52	39.21	41.77	46.04	50.87	60.67
N	M	ELEM	W	212	45.97	8.72	38.06	83.88	38.48	39.95	42.41	51.25	59.67
N	M	HS	B	34	50.29	9.47	38.06	77.33	40.33	43.75	48.21	55.62	65.50
N	M	HS	W	158	47.92	9.05	38.06	77.33	38.94	41.09	46.79	52.30	61.23
N	M	COLL	B	16	51.77	9.04	38.06	67.52	40.17	47.50	51.50	59.50	61.90
N	M	COLL	W	126	48.82	8.50	38.06	77.33	39.12	41.54	48.43	55.47	60.94
N	M	D.K.	B	28	49.52	9.11	38.06	70.79	39.83	43.33	48.93	55.83	55.50
N	M	D.K.	W	73	46.27	9.10	38.06	70.79	38.46	39.90	42.30	50.87	60.86
N	F	ELEM	B	61	49.76	8.46	38.06	67.52	39.68	43.19	49.58	56.46	63.62
N	F	ELEM	W	291	48.31	9.51	38.06	87.15	38.87	40.93	46.99	53.46	62.85
N	F	HS	B	33	48.38	8.15	38.06	64.24	39.33	42.08	47.92	55.94	61.20
N	F	HS	W	147	48.99	9.35	38.06	80.60	39.20	41.75	47.67	54.90	62.67
N	F	COLL	B	7	54.90	10.59	44.61	70.79	44.61	46.88	53.75	68.12	70.75
N	F	COLL	W	157	53.07	10.38	38.06	83.88	40.77	45.32	51.94	60.55	69.45
N	F	D.K.	B	31	50.84	8.67	38.06	70.79	40.60	45.25	49.79	55.62	66.12
N	F	D.K.	W	51	49.13	8.88	38.06	80.60	39.43	42.32	48.24	55.37	61.45
TOTAL				3218	50.77	10.16	38.06	87.15	39.40	42.24	49.53	58.68	66.76

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 238

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1776	53.84	10.85	39.53	91.86	41.54	45.03	52.78	61.27	67.83
NON-ACADEMIC	1760	48.04	9.00	39.53	91.86	39.53	42.04	45.70	53.19	60.68
MALES	1658	49.76	10.08	39.53	91.86	39.57	42.64	46.68	55.34	64.67
FEMALES	1878	52.00	10.54	39.53	91.86	40.58	44.00	49.70	57.45	66.23
ELEM F.ED.	980	48.51	9.70	39.53	91.86	39.53	41.88	45.79	54.01	63.03
HS F.ED.	934	50.00	10.04	39.53	91.86	39.71	42.88	46.85	55.73	64.71
COLL F.ED.	1220	54.05	10.65	39.53	91.86	42.30	45.33	53.09	61.08	67.71
D.K.F.ED.	402	49.69	9.71	39.53	88.37	39.81	43.01	46.79	55.07	63.89
BLACK	566	50.71	10.13	39.53	91.86	40.33	43.63	47.47	55.88	64.83
WHITE	2970	51.00	10.44	39.53	91.86	39.95	43.28	47.56	56.73	65.80
NOT IN SAMPLE	4820	49.30	9.65	39.53	91.86	39.58	42.65	46.45	54.84	63.57

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	52.19	13.24	39.53	77.90	39.63	42.75	47.00	61.25	75.75
A	M	ELEM	W	151	49.86	10.44	39.53	91.86	39.54	42.58	46.60	55.74	64.61
A	M	HS	B	29	52.76	9.62	39.53	70.93	41.13	45.21	51.25	59.37	66.37
A	M	HS	W	219	50.81	10.52	39.53	88.37	39.69	42.91	47.75	56.36	66.00
A	M	COLL	B	20	51.16	9.85	39.53	76.74	40.00	43.50	50.00	56.50	62.50
A	M	COLL	W	395	53.77	10.83	39.53	84.88	41.99	45.03	52.59	61.59	68.75
A	M	D.K.	B	15	53.95	13.24	39.53	88.37	41.25	44.25	53.13	58.75	70.00
A	M	D.K.	W	37	49.16	8.51	39.53	70.93	40.14	43.30	46.61	54.25	63.00
A	F	ELEM	B	36	51.45	11.78	39.53	81.39	39.53	42.50	48.75	56.25	71.00
A	F	ELEM	W	126	53.12	10.04	39.53	77.90	41.21	45.00	52.50	60.00	66.50
A	F	HS	B	26	53.04	9.50	39.53	67.44	42.88	45.31	52.50	61.25	65.33
A	F	HS	W	180	54.61	10.88	39.53	91.86	42.81	45.56	53.17	62.50	67.32
A	F	COLL	B	13	59.66	13.37	43.02	91.86	44.67	48.75	60.00	65.94	71.00
A	F	COLL	W	445	57.35	10.39	39.53	88.37	44.14	48.80	55.83	64.31	71.25
A	F	D.K.	B	13	54.02	12.73	39.53	81.39	42.80	44.75	50.00	64.37	71.00
A	F	D.K.	W	54	54.34	10.14	39.53	75.41	42.00	45.91	53.33	61.87	68.25
N	M	ELEM	B	55	46.90	7.73	39.53	75.41	39.53	42.41	45.57	50.78	57.08
N	M	ELEM	W	219	45.55	7.89	39.53	77.90	39.53	40.68	43.97	47.39	56.06
N	M	HS	B	50	49.02	8.87	39.53	81.39	39.77	42.92	46.39	53.75	61.25
N	M	HS	W	163	47.02	8.67	39.53	81.39	39.53	41.07	44.90	51.06	58.56
N	M	COLL	B	21	48.05	7.60	39.53	63.95	39.53	41.88	45.71	54.46	56.71
N	M	COLL	W	136	48.65	9.12	39.53	81.39	39.53	42.22	46.40	53.82	61.50
N	M	D.K.	B	50	49.60	8.86	39.53	77.90	41.67	44.13	47.25	54.06	62.50
N	M	D.K.	W	81	46.57	9.03	39.53	77.90	39.53	40.66	44.13	50.94	57.45
N	F	ELEM	B	84	51.26	10.68	39.53	91.86	40.73	43.88	47.50	55.94	65.50
N	F	ELEM	W	292	46.99	8.77	39.53	91.86	39.53	41.15	44.82	52.61	57.83
N	F	HS	B	56	49.94	10.33	39.53	84.88	40.05	43.18	46.36	54.64	64.90
N	F	HS	W	211	47.20	8.38	39.53	74.42	39.53	41.82	45.21	51.99	59.57
N	F	COLL	B	20	50.99	8.50	39.53	74.42	43.21	45.36	49.50	55.83	60.83
N	F	COLL	W	170	51.42	9.38	39.53	81.39	42.22	44.48	48.89	56.28	64.69
N	F	D.K.	B	61	50.83	9.45	39.53	88.37	40.04	43.66	49.37	56.02	62.42
N	F	D.K.	W	91	47.88	8.66	39.53	81.39	39.67	42.73	45.72	52.95	59.00
TOTAL				3538	50.95	10.39	39.53	91.86	40.01	43.34	47.54	56.60	65.65

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 239

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1791	53.77	10.64	39.70	90.27	41.85	45.36	52.68	61.21	68.72
NON-ACADEMIC	1725	47.25	8.62	39.70	89.79	39.70	41.14	45.02	52.77	59.89
MALES	1645	49.28	10.05	39.70	90.27	39.70	41.80	46.23	55.46	64.78
FEMALES	1871	51.70	10.26	39.70	90.27	40.42	43.98	49.80	57.14	66.52
ELEM F.ED.	1053	48.09	9.33	39.70	86.90	39.70	41.50	45.57	53.59	63.18
HS F.ED.	961	49.78	9.91	39.70	90.27	39.70	42.42	46.75	55.74	64.75
COLL F.ED.	1236	53.86	10.63	39.70	90.27	41.85	45.47	52.90	61.47	68.62
D.K.F.ED.	266	47.95	8.74	39.70	89.79	39.70	41.51	45.66	53.81	60.39
BLACK	513	49.81	9.72	39.70	83.53	39.70	42.74	46.90	55.78	64.97
WHITE	3003	50.70	10.31	39.70	90.27	39.72	42.96	47.76	56.57	65.88
NOT IN SAMPLE	3358	49.40	9.72	39.70	90.27	39.70	42.53	46.50	55.13	64.39

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	50.38	9.90	39.70	73.41	39.75	43.13	49.17	56.67	63.50
A	M	ELEM	W	161	49.27	10.09	39.70	86.90	39.70	42.52	46.18	54.74	64.38
A	M	HS	B	30	53.02	10.88	39.70	73.41	40.50	44.06	50.83	63.00	67.50
A	M	HS	W	228	50.42	9.88	39.70	83.53	39.70	42.74	47.26	56.71	64.82
A	M	COLL	B	20	50.49	9.19	39.70	70.04	40.00	43.50	52.50	56.67	65.00
A	M	COLL	W	398	53.57	10.99	39.70	90.27	41.65	45.02	52.21	61.98	70.06
A	M	D.K.	B	6	44.76	7.91	39.70	59.93	39.70	40.00	42.50	46.25	59.50
A	M	D.K.	W	21	47.83	8.42	39.70	70.04	39.70	41.88	46.25	51.25	57.25
A	F	ELEM	B	37	53.63	12.12	39.70	83.53	40.58	44.53	51.25	63.25	73.25
A	F	ELEM	W	146	53.72	9.75	39.70	83.53	43.03	46.25	52.76	58.00	67.08
A	F	HS	B	27	54.61	10.15	39.70	76.78	43.08	46.46	52.92	62.92	70.75
A	F	HS	W	187	54.56	10.31	39.70	90.27	43.53	46.52	53.04	60.80	70.65
A	F	COLL	B	15	57.68	11.79	43.07	76.78	43.75	45.63	56.25	68.12	73.75
A	F	COLL	W	448	57.64	10.05	39.70	86.90	45.33	50.07	56.14	64.31	73.61
A	F	D.K.	B	11	54.10	11.19	43.07	76.78	43.88	45.94	50.00	63.12	67.25
A	F	D.K.	W	38	52.48	9.42	39.70	70.52	40.67	44.69	53.06	59.37	66.50
N	M	ELEM	B	55	47.53	8.97	39.70	75.66	39.70	41.54	45.13	53.75	63.00
N	M	ELEM	W	240	44.70	7.55	39.70	73.41	39.70	39.88	42.26	46.79	56.56
N	M	HS	B	50	49.08	9.85	39.70	80.15	39.70	41.41	46.25	56.56	63.50
N	M	HS	W	171	46.86	9.02	39.70	83.53	39.70	40.60	44.09	51.53	60.56
N	M	COLL	B	21	48.53	7.50	39.70	63.30	39.70	42.71	47.08	54.25	57.40
N	M	COLL	W	141	48.00	9.09	39.70	76.78	39.70	41.42	45.61	54.11	62.43
N	M	D.K.	B	23	45.04	5.33	39.70	56.56	39.70	40.69	44.06	47.92	53.67
N	M	D.K.	W	62	46.96	9.75	39.70	89.79	39.70	40.37	43.83	53.25	58.83
N	F	ELEM	B	87	48.30	7.98	39.70	73.41	39.92	43.09	46.48	53.25	58.00
N	F	ELEM	W	309	46.70	8.39	39.70	80.15	39.70	41.11	44.74	51.11	56.94
N	F	HS	B	56	48.82	10.28	39.70	83.53	39.70	41.62	45.74	54.50	65.50
N	F	HS	W	212	46.57	7.80	39.70	80.15	39.70	41.18	44.83	51.00	56.95
N	F	COLL	B	22	51.96	9.45	39.70	66.67	40.25	44.38	52.50	62.92	65.67
N	F	COLL	W	171	50.45	9.10	39.70	83.53	40.55	43.92	48.52	55.93	64.38
N	F	D.K.	B	35	47.23	7.65	39.70	63.30	39.70	41.48	45.21	54.06	60.00
N	F	D.K.	W	70	47.03	7.57	39.70	73.41	39.70	41.67	45.42	52.73	57.50
TOTAL				3516	50.57	10.23	39.70	90.27	39.70	42.92	47.50	56.46	65.74

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 240

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 7, 1963

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8627759.3694	3217			
MEAN	8295433.2659	1	8295433.2659	80301.8125	0.0000
ERROR	332326.1035	3216	103.3031		
CUR	6891.8148	1	6891.8148	73.8080	0.0000
SEX	10260.6392	1	10260.6392	109.8865	0.0000
F.ED	9173.1204	3	3057.7068	32.7466	0.0000
RACE	1006.8577	1	1006.8577	10.7830	0.0011
ERROR	299826.6789	3210	93.3749		
CS	720.6701	1	720.6701	7.7432	0.0054
CF	45.8082	3	15.2694	0.1641	0.9205
CR	36.7305	1	36.7305	0.3946	0.5300
SF	329.2315	3	109.7438	1.1791	0.3162
SR	331.0698	1	331.0698	3.5572	0.0595
FR	64.2940	3	21.4313	0.2303	0.8753
ERROR	297734.1708	3198	93.0710		
CSF	558.8040	3	186.2680	2.0031	0.1114
CSR	90.9503	1	90.9503	0.9781	0.3229
CFR	227.6701	3	75.8900	0.8161	0.4846
SFR	245.8745	3	81.9582	0.8814	0.4499
ERROR	296544.1534	3188	92.9897		
CSFR	43.7493	3	14.5831	0.1567	0.9255
ERROR	296500.4041	3185	93.0636		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 241

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9560908.0305	3535			
MEAN	9179556.6528	1	9179556.6528	85091.3750	0.0000
ERROR	381351.3777	3534	107.8788		
CUR	20444.6323	1	20444.6323	214.1361	0.0000
SEX	5605.9409	1	5605.9409	58.7164	0.0000
F.ED	8276.9400	3	2758.9800	28.8974	0.0000
RACE	1278.6439	1	1278.6439	13.3925	0.0004
ERROR	336930.9618	3528	95.4749		
CS	470.9278	1	470.9278	4.9449	0.0262
CF	62.9669	3	20.9890	0.2204	0.8821
CR	364.4935	1	364.4935	3.8273	0.0506
SF	245.4436	3	81.8145	0.8591	0.4615
SR	1.4557	1	1.4557	0.0153	0.9017
FR	351.0718	3	117.0239	1.2288	0.2976
ERROR	334939.2843	3516	95.2344		
CSF	184.0012	3	61.3337	0.6438	0.5867
CSR	288.5160	1	288.5160	3.0283	0.0821
CFR	105.7625	3	35.2542	0.3700	0.7743
SFR	217.3553	3	72.4518	0.7605	0.5159
ERROR	334123.9227	3506	95.2735		
CSFR	376.0813	3	125.3604	1.3162	0.2673
ERROR	333747.8414	3503	95.2477		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

BEQ SCALE 7 (MUSICAL ACTIVITIES), GRADE 11, 1967

DEPENDENT VARIABLE I

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9360204.6689	3515			
MEAN	8992066.9052	1	8992066.9052	85856.6875	0.0000
ERROR	368137.7637	3514	104.7334		
CUR	25230.3696	1	25230.3696	280.9421	0.0000
SEX	6475.5341	1	6475.5341	72.1056	0.0000
F.ED	8814.6040	3	2938.2013	32.7171	0.0000
RACE	517.8629	1	517.8629	5.7664	0.0164
ERROR	315129.9687	3508	89.8062		
CS	1580.4920	1	1580.4920	17.7117	0.0001
CF	263.3378	3	87.7793	0.9837	0.3993
CR	174.5791	1	174.5791	1.9564	0.1621
SF	290.6811	3	96.8937	1.0858	0.3537
SR	0.4481	1	0.4481	0.0050	0.9435
FR	401.6978	3	133.8993	1.5005	0.2124
ERROR	312051.9885	3496	89.2342		
CSF	228.8501	3	76.2834	0.8540	0.4642
CSR	0.8975	1	0.8975	0.0100	0.9202
CFR	71.6799	3	23.8933	0.2675	0.8487
SFR	248.9206	3	82.9735	0.9289	0.4257
ERROR	311459.1721	3486	89.3201		
CSFR	86.9113	3	28.9704	0.3242	0.8079
ERROR	311372.2608	3483	89.3721		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 243

BEQ SCALE 7 (MUSICAL ACTIVITIES), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1573	53.46	9.13	39.10	81.99	72.25	66.91	58.02	49.12	43.78
NON-ACADEMIC	1436	47.84	7.34	39.10	86.39	71.55	66.14	57.12	48.11	42.70
MALES	1401	49.45	8.40	39.10	81.99	71.71	66.28	57.22	48.16	42.72
FEMALES	1608	51.93	8.94	39.10	86.39	72.00	66.52	57.38	48.24	42.75
ELEM F.ED.	861	48.33	8.00	39.10	86.39	71.64	66.21	57.17	48.14	42.71
HS F.ED.	819	49.80	8.21	39.10	81.99	71.69	66.26	57.20	48.15	42.72
COLL F.ED.	1115	53.90	9.11	39.10	80.71	72.18	66.67	57.48	48.29	42.77
D.K.F.ED.	214	48.11	7.26	39.10	76.22	71.86	66.40	57.30	48.20	42.74
BLACK	329	49.71	7.62	39.10	78.33	72.10	66.60	57.43	48.27	42.76
WHITE	2680	50.91	8.91	39.10	86.39	71.84	66.38	57.29	48.19	42.73
NOT IN SAMPLE	749	49.43	8.24	39.10	79.94	71.87	66.40	57.30	48.20	42.74

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	52.76	11.68	40.22	78.33	74.65	68.91	59.35	49.78	44.05
A	M	ELEM	W	140	49.58	8.70	39.10	77.41	71.64	66.22	57.18	48.14	42.71
A	M	HS	B	18	53.16	7.03	43.71	71.53	71.53	67.18	59.35	51.53	46.84
A	M	HS	W	201	50.07	8.04	39.10	81.99	71.57	66.16	57.14	48.12	42.70
A	M	COLL	B	17	52.63	7.29	41.28	66.08	66.08	66.08	59.13	50.21	44.85
A	M	COLL	W	367	52.93	9.33	39.10	78.53	72.04	66.55	57.40	48.25	42.76
A	M	D.K.	B	4	48.66	8.15	41.38	59.45	*	*	*	*	*
A	M	D.K.	W	17	46.64	6.77	39.10	66.15	66.15	66.02	57.05	48.07	42.69
A	F	ELEM	B	23	52.78	10.30	39.10	75.05	72.88	67.25	57.86	48.48	42.85
A	F	ELEM	W	116	52.38	7.83	39.10	72.94	71.51	66.27	57.55	48.82	43.59
A	F	HS	B	18	52.19	7.50	42.51	63.79	63.79	63.79	58.75	50.63	45.76
A	F	HS	W	169	54.16	9.18	40.19	80.83	72.28	66.93	58.02	49.10	43.76
A	F	COLL	B	8	58.97	10.08	45.75	76.47	76.47	73.96	64.55	55.15	49.51
A	F	COLL	W	422	57.33	8.70	40.22	80.71	72.76	67.33	58.30	49.26	43.84
A	F	D.K.	B	9	50.19	7.49	40.22	60.59	60.59	60.59	60.59	52.93	47.10
A	F	D.K.	W	33	52.67	7.67	39.10	67.25	67.25	66.02	57.05	48.07	42.69
N	M	ELEM	B	41	46.40	4.70	39.10	58.34	58.34	58.34	57.05	48.07	42.69
N	M	ELEM	W	194	45.54	6.64	39.10	73.90	71.41	66.02	57.05	48.07	42.69
N	M	HS	B	34	49.62	6.87	39.10	66.03	66.03	66.02	57.05	48.07	42.69
N	M	HS	W	151	47.31	7.36	39.10	75.01	71.63	66.20	57.17	48.13	42.71
N	M	COLL	B	16	49.09	6.66	40.19	60.41	60.41	60.41	58.10	49.64	44.57
N	M	COLL	W	122	48.44	7.38	39.10	69.32	69.32	66.02	57.05	48.07	42.69
N	M	D.K.	B	13	44.71	4.43	39.10	51.45	51.45	51.45	51.45	48.07	42.69
N	M	D.K.	W	55	46.97	7.52	39.10	76.22	72.01	66.52	57.38	48.24	42.75
N	F	ELEM	B	59	49.37	7.19	39.10	73.10	71.41	66.02	57.05	48.07	42.69
N	F	ELEM	W	277	47.46	7.76	39.10	86.39	71.76	66.32	57.24	48.17	42.73
N	F	HS	B	33	47.91	6.53	39.10	63.98	63.98	63.98	57.05	48.07	42.69
N	F	HS	W	195	47.50	7.02	39.10	76.14	71.58	66.16	57.14	48.12	42.71
N	F	COLL	B	7	51.87	7.17	43.57	62.48	62.48	62.48	59.28	51.42	46.71
N	F	COLL	W	156	51.61	7.68	39.10	69.29	69.29	66.02	57.05	48.07	42.69
N	F	D.K.	B	18	46.63	6.64	40.19	62.56	62.56	62.56	57.60	48.89	43.67
N	F	D.K.	W	65	47.92	6.71	39.10	71.82	71.41	66.02	57.05	48.07	42.69
TOTAL				3009	50.78	8.78	39.10	86.39	71.82	66.37	57.28	48.19	42.73

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 244

BEQ SCALE 7 (MUSICAL ACTIVITIES), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1573	0.74	7.49	-24.15	32.15	-8.87	-3.58	0.27	5.47	10.40
NON-ACADEMIC	1436	-1.15	6.82	-26.61	22.68	-10.32	-4.47	-0.85	2.06	7.44
MALES	1401	0.32	7.24	-26.61	27.52	-8.94	-3.45	-0.03	3.66	9.92
FEMALES	1608	-0.58	7.21	-26.54	32.15	-10.33	-4.57	-0.60	3.37	8.94
ELEM F.ED.	861	-0.52	6.67	-24.30	32.15	-9.10	-3.85	-0.42	2.68	7.68
HS F.ED.	819	-0.20	7.38	-26.61	25.34	-10.12	-4.12	-0.38	3.59	10.06
COLL F.ED.	1115	0.22	7.52	-24.30	27.44	-9.48	-4.05	-0.27	4.45	9.95
D.K.F.ED.	214	-0.61	7.34	-26.54	20.38	-10.46	-3.76	0.09	3.21	7.94
BLACK	329	-1.13	8.02	-26.61	20.23	-11.88	-5.58	-1.02	3.43	10.14
WHITE	2680	-0.04	7.13	-26.54	32.15	-9.26	-3.85	-0.25	3.52	9.24
NOT IN SAMPLE	749	0.44	7.31	-26.61	27.52	-8.59	-3.31	0.44	3.65	9.35

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	-0.67	7.90	-12.66	10.76	-9.93	-8.83	2.33	6.25	7.90
A	M	ELEM	W	140	0.82	6.51	-12.73	27.52	-6.00	-2.92	0.10	4.00	9.33
A	M	HS	B	18	0.63	8.78	-17.29	17.91	-15.23	-3.00	1.00	6.50	10.40
A	M	HS	W	201	1.53	7.29	-21.98	22.61	-5.87	-2.76	0.58	5.25	11.65
A	M	COLL	B	17	-4.34	10.65	-21.98	20.23	-15.00	-13.50	-5.00	3.50	8.60
A	M	COLL	W	367	1.46	7.27	-19.46	27.44	-6.29	-2.81	0.40	5.36	11.06
A	M	D.K.	B	4	-1.00	9.95	-10.27	10.83	*	*	*	*	*
A	M	D.K.	W	17	2.71	4.75	-5.65	15.60	-2.60	0.36	1.57	3.83	8.60
A	F	ELEM	B	23	-1.49	6.44	-14.62	8.65	-10.70	-8.17	-1.00	2.50	7.40
A	F	ELEM	W	116	0.89	7.76	-19.60	32.15	-7.54	-3.60	0.25	6.00	9.76
A	F	HS	B	18	0.86	8.31	-12.66	13.49	-12.20	-7.00	1.50	8.33	10.40
A	F	HS	W	169	-0.17	7.54	-24.15	25.34	-10.62	-4.54	0.04	3.80	9.44
A	F	COLL	B	8	1.25	9.94	-12.59	15.80	-12.40	-6.00	1.00	6.00	15.16
A	F	COLL	W	422	0.48	7.54	-19.60	22.75	-10.18	-4.20	-0.07	6.52	10.44
A	F	D.K.	B	9	-0.68	11.51	-19.60	10.97	-17.53	-7.50	3.00	5.75	10.97
A	F	D.K.	W	33	-0.97	8.51	-19.67	13.15	-13.40	-5.38	0.20	6.30	9.40
N	M	ELEM	B	41	-0.16	7.85	-17.35	13.29	-9.90	-4.38	-0.17	3.83	11.90
N	M	ELEM	W	194	-1.22	6.23	-24.30	15.60	-9.60	-3.74	-0.61	1.83	4.80
N	M	HS	B	34	-0.61	9.55	-26.61	15.60	-13.20	-3.86	-1.20	6.50	12.40
N	M	HS	W	151	-0.78	7.22	-24.23	15.67	-10.63	-4.38	-0.50	3.17	8.63
N	M	COLL	B	16	-2.57	7.83	-14.91	15.46	-12.80	-8.00	-2.00	1.00	8.80
N	M	COLL	W	122	-0.66	6.40	-14.84	20.36	-8.60	-4.38	-0.82	1.87	8.60
N	M	D.K.	B	13	-1.98	6.34	-17.35	8.21	-11.40	-3.50	-0.33	1.10	1.88
N	M	D.K.	W	55	0.83	8.15	-21.98	20.38	-11.50	-2.13	0.92	5.30	10.50
N	F	ELEM	B	59	-1.34	7.09	-19.67	15.74	-9.40	-4.85	-1.58	1.75	9.05
N	F	ELEM	W	277	-1.08	6.11	-17.35	22.68	-9.33	-4.29	-0.47	1.86	6.47
N	F	HS	B	33	-0.79	7.92	-15.04	15.60	-11.70	-5.75	-1.67	4.75	10.85
N	F	HS	W	195	-1.55	6.41	-19.46	15.60	-10.33	-4.94	-1.47	1.74	6.33
N	F	COLL	B	7	-1.89	8.44	-19.67	6.27	-16.40	-2.50	-0.50	2.50	6.27
N	F	COLL	W	156	-1.88	7.63	-24.30	20.44	-12.11	-5.60	-1.33	2.59	6.40
N	F	D.K.	B	18	-3.91	4.75	-17.35	3.61	-9.20	-5.50	-3.14	-1.00	1.47
N	F	D.K.	W	65	-1.28	6.16	-26.54	10.76	-8.50	-3.68	-1.10	1.95	5.67
TOTAL				3009	-0.16	7.24	-26.61	32.15	-9.69	-3.97	-0.32	3.52	9.35

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 7 (MUSICAL ACTIVITIES), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7989950.5525	3008			
MEAN	7757888.1711	1	7757888.1711	100557.9375	0.0000
ERROR	232062.3813	3007	77.1484		
CUR	14234.8923	1	14234.8923	219.5844	0.0000
SEX	5820.2545	1	5820.2545	89.7820	0.0000
F.ED	7872.6576	3	2624.2192	40.4806	0.0000
RACE	172.7961	1	172.7961	2.6655	0.1029
ERROR	194609.1521	3001	64.8265		
CS	601.5043	1	601.5043	9.3341	0.0024
CF	186.0295	3	62.0098	0.9623	0.4096
CR	4.9095	1	4.9095	0.0762	0.7826
SF	374.2967	3	124.7656	1.9361	0.1216
SR	54.6310	1	54.6310	0.8478	0.3575
FR	244.8555	3	81.6185	1.2665	0.2842
ERROR	192681.1218	2989	64.4419		
CSF	316.9904	3	105.6635	1.6395	0.1782
CSR	105.3628	1	105.3628	1.6348	0.2014
CFR	25.7247	3	8.5749	0.1331	0.9404
SFR	163.2040	3	54.4013	0.8441	0.4695
ERROR	192056.8791	2979	64.4486		
CSFR	81.6622	3	27.2207	0.4221	0.7369
ERROR	191975.2170	2976	64.4861		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TCI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 246

BEQ SCALE 7 (MUSICAL ACTIVITIES), 1ST ORDER TREND

DEPENDENT VARIABLE 1

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	157672.9829	3008			
MEAN	79.3481	1	79.3481	1.5145	0.2189
ERROR	157593.6348	3007	52.3915		
CUR	2131.0675	1	2131.0675	41.4602	0.0000
SEX	479.2882	1	479.2882	9.3246	0.0024
F.ED	3.4321	3	1.1440	0.0223	0.9955
RACE	143.9837	1	143.9837	2.8012	0.0943
ERROR	154303.6798	3001	51.4003		
CS	4.4833	1	4.4833	0.0873	0.7677
CF	25.4071	3	8.4690	0.1649	0.9200
CR	94.1240	1	94.1240	1.8331	0.1762
SF	238.8949	3	79.6316	1.5509	0.1994
SR	32.2681	1	32.2681	0.6284	0.4281
FR	285.9407	3	95.3136	1.8563	0.1349
ERROR	153525.9773	2989	51.3465		
CSF	54.8694	3	18.2898	0.3561	0.7848
CSR	50.2416	1	50.2416	0.9781	0.3230
CFR	104.8774	3	34.9591	0.6806	0.5637
SFR	189.1525	3	63.0508	1.2274	0.2981
ERROR	153076.9228	2979	51.3681		
CSFR	37.0412	3	12.3471	0.2402	0.8684
ERROR	153039.8816	2976	51.4074		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 247

BEQ SCALE B (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	48.91	9.42	25.67	78.28	36.94	40.86	48.50	55.70	61.42
NON-ACADEMIC	1546	50.57	10.04	25.67	78.28	37.23	41.94	50.17	58.41	62.92
MALES	1507	48.10	9.64	25.67	78.28	35.13	40.14	48.02	54.10	61.13
FEMALES	1711	51.12	9.65	25.67	78.28	38.11	42.80	50.54	58.76	62.72
ELEM F.ED.	928	49.95	10.03	25.67	78.28	36.71	41.40	49.50	58.14	62.38
HS F.ED.	844	50.14	9.73	25.67	78.28	37.67	41.55	49.79	57.75	62.31
COLL F.ED.	1129	49.01	9.35	28.96	78.28	37.00	41.04	48.55	55.71	61.38
D.K.F.ED.	317	50.31	10.35	25.67	78.28	36.30	41.49	50.04	57.87	62.62
BLACK	368	52.05	10.37	28.96	74.99	38.03	43.25	51.58	59.73	66.34
WHITE	2850	49.40	9.64	25.67	78.28	36.86	41.14	49.04	56.87	61.78
NOT IN SAMPLE	3703	50.25	10.20	25.67	78.28	37.27	41.66	49.85	58.15	63.35

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	45.40	11.48	32.25	68.42	32.25	35.00	43.75	47.50	61.50
A	M	ELEM	W	149	47.92	10.31	25.67	71.71	34.13	39.54	47.58	56.46	62.30
A	M	HS	B	18	52.89	11.60	32.25	71.71	38.30	41.00	54.17	60.63	68.00
A	M	HS	W	210	48.33	9.54	25.67	78.28	36.00	40.41	48.25	54.29	61.10
A	M	COLL	B	17	50.82	13.95	32.25	71.71	32.25	39.06	48.75	61.87	69.67
A	M	COLL	W	370	47.16	8.72	28.96	68.42	35.36	40.03	46.81	51.81	60.11
A	M	D.K.	B	9	50.88	7.17	35.54	58.55	37.00	48.13	53.13	55.94	58.00
A	M	D.K.	W	34	47.53	10.67	28.96	78.28	34.83	39.44	47.50	52.22	59.00
A	F	ELEM	B	24	54.31	8.20	38.83	65.13	41.50	47.50	57.50	60.50	62.30
A	F	ELEM	W	138	50.19	9.78	25.67	78.28	38.18	41.88	49.00	57.32	62.67
A	F	HS	B	18	55.08	8.62	42.11	68.42	42.11	48.00	52.50	61.88	66.17
A	F	HS	W	176	50.11	9.03	32.25	71.71	37.79	42.50	49.83	57.50	61.76
A	F	COLL	B	9	51.25	7.49	38.83	58.55	39.75	43.75	51.25	58.55	58.55
A	F	COLL	W	427	49.24	9.08	28.96	74.99	37.75	41.12	48.81	55.89	61.03
A	F	D.K.	B	10	51.32	4.60	45.40	58.55	45.40	47.92	50.00	52.08	58.55
A	F	D.K.	W	51	50.17	9.54	32.25	74.99	38.05	41.88	50.00	57.64	61.89
N	M	ELEM	B	41	50.70	10.13	32.25	74.99	37.57	41.96	50.00	56.61	62.40
N	M	ELEM	W	212	47.45	9.85	25.67	71.71	33.57	39.58	47.95	53.03	60.58
N	M	HS	B	34	48.50	7.33	32.25	61.84	38.50	42.14	49.17	54.06	57.25
N	M	HS	W	158	48.71	9.77	25.67	71.71	36.75	40.38	48.60	54.84	61.50
N	M	COLL	B	16	51.16	11.67	35.54	71.71	38.25	41.25	47.50	62.50	68.50
N	M	COLL	W	126	48.85	8.94	28.96	68.42	36.00	42.08	49.07	54.84	60.75
N	M	D.K.	B	28	51.39	11.22	28.96	71.71	32.17	42.50	51.07	57.50	69.00
N	M	D.K.	W	73	46.80	10.07	25.67	71.71	34.00	38.36	45.00	55.25	60.61
N	F	ELEM	B	61	53.76	9.73	32.25	71.71	40.06	45.78	52.86	61.48	66.81
N	F	ELEM	W	291	51.64	9.61	25.67	71.71	38.04	43.93	51.29	59.42	62.49
N	F	HS	B	33	54.87	12.21	32.25	71.71	35.75	43.75	58.33	63.75	69.75
N	F	HS	W	197	52.03	9.69	32.25	68.42	38.31	43.88	51.73	59.63	64.15
N	F	COLL	B	7	59.02	5.17	51.98	68.42	51.98	56.25	59.38	61.56	68.42
N	F	COLL	W	157	51.87	10.18	32.25	78.28	37.92	43.69	51.02	59.49	65.19
N	F	D.K.	B	31	50.92	12.40	28.96	74.99	32.67	39.69	51.87	59.58	67.33
N	F	D.K.	W	81	53.93	9.60	32.25	71.71	41.14	46.77	52.75	60.49	67.40
TOTAL				3213	49.71	9.76	25.67	78.28	37.08	41.31	49.25	57.40	62.03

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 248

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1779	48.68	9.55	20.36	72.77	34.80	42.73	49.31	55.98	61.44
NON-ACADEMIC	1765	50.87	9.99	20.36	72.77	35.91	44.18	52.82	57.88	64.24
MALES	1660	47.24	10.14	20.36	72.77	33.50	39.65	47.10	55.18	60.86
FEMALES	1884	52.00	8.99	23.63	72.77	38.88	45.58	53.61	58.48	64.12
ELEM F.ED.	982	50.36	9.82	20.36	72.77	35.86	43.74	52.27	57.16	63.60
HS F.ED.	936	50.28	9.83	20.36	72.77	35.70	43.87	52.65	57.08	63.65
COLL F.ED.	1220	48.83	9.59	20.36	72.77	34.66	42.80	49.49	56.13	61.50
D.K.F.ED.	406	50.03	10.39	20.36	72.77	35.34	43.25	51.33	57.37	64.50
BLACK	571	51.33	10.21	20.36	72.77	36.36	44.07	52.94	59.46	65.19
WHITE	2973	49.47	9.73	20.36	72.77	35.12	43.23	50.98	56.55	62.40
NOT IN SAMPLE	4840	50.17	10.12	20.36	75.39	35.58	43.63	51.54	57.24	63.85

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	46.21	9.87	33.46	62.94	34.63	37.92	45.00	53.75	62.94
A	M	ELEM	W	151	47.35	9.90	23.63	72.77	34.11	40.55	46.64	55.48	60.64
A	M	HS	B	30	49.58	12.19	20.36	69.49	33.75	39.38	50.83	60.42	65.00
A	M	HS	W	219	47.91	9.64	23.63	69.49	34.20	40.96	49.06	55.54	60.39
A	M	COLL	B	20	49.13	9.01	30.18	66.22	37.50	43.50	48.75	55.83	60.83
A	M	COLL	W	395	45.38	9.24	20.36	69.49	32.70	37.59	45.49	53.54	56.90
A	M	D.K.	B	15	48.53	10.49	30.18	72.77	35.00	41.88	46.88	55.75	60.00
A	M	D.K.	W	37	46.47	10.34	26.91	66.22	32.00	38.12	45.91	54.84	62.87
A	F	ELEM	B	36	52.11	8.78	30.18	66.22	40.17	45.36	53.93	57.14	64.93
A	F	ELEM	W	126	51.22	9.29	23.63	69.49	37.83	44.52	52.91	57.16	64.50
A	F	HS	B	27	54.45	9.74	26.91	66.22	39.63	51.87	56.56	62.68	65.57
A	F	HS	W	180	50.11	8.58	23.63	66.22	39.00	44.83	51.73	56.23	60.92
A	F	COLL	B	13	56.64	9.21	33.46	66.22	44.00	52.92	58.75	64.25	66.20
A	F	COLL	W	445	50.10	8.95	23.63	69.49	36.76	44.10	51.47	56.88	61.73
A	F	D.K.	B	13	54.63	9.70	36.74	72.77	43.25	48.13	55.00	63.75	67.00
A	F	D.K.	W	55	50.25	8.71	30.18	69.49	37.00	44.22	51.75	56.33	63.75
N	M	ELEM	B	55	48.51	9.22	33.46	72.77	35.25	42.75	47.33	55.45	60.62
N	M	ELEM	W	219	47.80	10.58	20.36	72.77	32.95	40.63	48.10	55.75	61.39
N	M	HS	B	50	48.91	11.85	26.91	72.77	33.75	39.00	50.00	56.87	66.25
N	M	HS	W	163	48.33	10.64	23.63	72.77	33.87	41.37	49.62	55.75	63.88
N	M	COLL	B	21	48.20	11.06	30.18	62.94	32.67	38.12	50.00	57.25	62.94
N	M	COLL	W	136	47.38	10.56	20.36	72.77	32.92	39.00	47.92	55.11	63.36
N	M	D.K.	B	50	47.91	9.63	20.36	66.22	36.25	41.56	48.50	55.00	61.25
N	M	D.K.	W	82	46.82	11.49	20.36	72.77	33.05	38.75	45.92	55.62	63.17
N	F	ELEM	B	85	53.99	9.08	30.18	72.77	43.28	47.27	54.22	61.63	66.00
N	F	ELEM	W	293	52.76	8.81	26.91	72.77	38.93	46.56	54.25	59.10	64.22
N	F	HS	B	56	54.70	9.09	30.18	70.04	42.83	47.50	55.44	62.88	66.12
N	F	HS	W	211	53.09	8.52	30.18	69.49	40.46	47.45	54.67	59.90	64.42
N	F	COLL	B	20	57.05	9.12	36.74	66.22	44.17	50.00	60.00	64.72	66.22
N	F	COLL	W	170	53.11	7.84	33.46	69.49	42.50	47.05	54.40	58.17	63.33
N	F	D.K.	B	63	51.08	10.36	30.18	72.77	35.57	43.84	52.71	59.86	65.11
N	F	D.K.	W	91	54.28	9.21	26.91	72.77	42.55	49.20	55.27	61.77	65.63
TOTAL				3544	49.77	9.83	20.36	72.77	35.31	43.35	51.35	56.82	63.10

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 249

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1793	48.93	9.21	19.47	73.39	36.32	43.33	48.77	55.69	61.88
NON-ACADEMIC	1727	51.26	10.01	19.47	74.51	37.26	44.49	52.72	57.87	64.82
MALES	1646	48.16	9.70	19.47	73.39	35.17	42.64	47.50	55.37	61.72
FEMALES	1874	51.75	9.35	22.84	74.51	38.95	45.16	52.99	57.76	64.61
ELEM F.ED.	1054	50.74	10.04	19.47	73.39	36.41	44.06	52.50	57.42	64.37
HS F.ED.	962	50.83	9.84	22.84	74.51	37.44	44.28	52.50	57.16	64.42
COLL F.ED.	1237	48.97	9.03	19.47	73.39	36.65	43.43	48.83	55.52	61.55
D.K.F.ED.	267	49.81	10.13	22.84	70.02	36.35	43.16	50.38	56.69	64.16
BLACK	513	51.06	10.49	22.84	73.39	36.38	44.21	52.60	58.23	64.98
WHITE	3007	49.90	9.53	19.47	74.51	36.77	43.75	50.47	56.49	63.34
NOT IN SAMPLE	3364	49.92	10.33	19.47	73.39	35.74	43.45	50.77	57.03	64.03

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	47.37	11.66	29.58	66.65	33.83	40.00	45.36	55.00	65.25
A	M	ELEM	W	161	48.17	10.20	19.47	73.39	34.77	43.05	47.24	55.46	62.00
A	M	HS	B	30	48.41	11.01	29.58	66.65	33.33	37.08	50.00	56.43	63.75
A	M	HS	W	228	49.09	8.92	22.84	70.02	37.10	43.46	50.76	55.81	60.57
A	M	COLL	B	20	49.29	11.89	26.21	70.02	32.50	42.50	50.00	56.50	67.50
A	M	COLL	W	398	46.65	8.46	22.84	66.65	35.40	41.70	46.30	53.08	57.96
A	M	D.K.	B	6	44.18	11.01	32.95	59.91	34.00	36.25	42.50	55.00	59.50
A	M	D.K.	W	21	48.98	8.40	31.27	63.28	37.75	43.54	48.33	55.25	62.00
A	F	ELEM	B	37	52.35	8.97	32.95	66.65	41.00	45.78	52.81	60.42	65.19
A	F	ELEM	W	147	50.95	9.97	26.21	70.58	36.32	44.31	53.22	57.31	64.39
A	F	HS	B	27	51.15	9.05	32.95	73.39	40.33	44.46	52.78	56.53	63.25
A	F	HS	W	187	50.91	9.12	26.21	70.02	39.64	44.81	51.63	56.99	63.76
A	F	COLL	B	15	50.70	10.15	32.95	66.65	36.25	43.75	53.13	58.12	63.75
A	F	COLL	W	449	49.28	8.66	26.21	73.39	37.03	43.76	49.25	55.53	60.99
A	F	D.K.	B	11	52.25	11.78	26.21	66.65	38.00	46.25	55.00	62.92	65.67
A	F	D.K.	W	38	48.47	8.31	32.95	66.65	39.00	43.08	46.73	55.00	60.50
N	M	ELEM	B	55	49.10	12.16	22.84	73.39	33.00	42.79	50.00	57.66	63.12
N	M	ELEM	W	240	48.86	10.01	26.21	73.39	35.40	42.68	48.67	56.13	63.70
N	M	HS	B	50	49.35	11.31	26.21	73.39	32.50	43.18	50.50	57.27	61.87
N	M	HS	W	171	48.44	9.91	26.21	70.02	35.31	42.17	47.33	55.74	63.09
N	M	COLL	B	21	50.60	9.82	26.21	66.65	35.25	45.31	51.88	56.46	62.25
N	M	COLL	W	141	48.26	9.55	19.47	70.02	35.55	42.83	48.26	55.22	61.89
N	M	D.K.	B	23	53.17	9.48	36.32	70.02	39.00	47.08	53.33	60.75	65.33
N	M	D.K.	W	63	46.09	10.56	26.21	70.02	33.78	39.46	45.88	53.07	57.36
N	F	ELEM	B	87	52.01	9.77	29.58	70.02	39.75	45.07	52.63	60.31	65.47
N	F	ELEM	W	309	53.38	9.00	29.58	73.39	39.72	47.02	54.61	59.77	64.84
N	F	HS	B	56	53.35	9.50	32.95	70.02	42.00	46.14	53.57	62.50	65.73
N	F	HS	W	213	54.53	9.90	29.58	74.51	42.06	47.95	55.18	62.72	66.71
N	F	COLL	B	22	57.08	9.47	39.69	73.39	43.00	52.86	56.79	65.00	69.50
N	F	COLL	W	171	52.68	8.35	29.58	73.39	42.97	46.86	53.64	57.57	64.62
N	F	D.K.	B	35	50.38	10.32	22.84	63.28	36.25	42.25	53.08	56.44	63.12
N	F	D.K.	W	70	52.83	9.86	29.58	70.02	38.50	46.56	53.50	60.94	65.58
TOTAL				3520	50.07	9.68	19.47	74.51	36.72	43.81	50.77	56.68	63.67

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 250

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8257331.2900	3217			
MEAN	7950842.0662	1	7950842.0662	83454.3125	0.0000
ERROR	306489.2239	3216	95.2718		
CUR	1096.0673	1	1096.0673	11.9219	0.0007
SEX	7153.8887	1	7153.8887	77.8128	0.0000
F.ED	282.1066	3	94.0355	1.0228	0.3813
RACE	1672.4701	1	1672.4701	18.1915	0.0001
ERROR	295210.0385	3210	91.9371		
CS	445.4257	1	445.4257	4.8485	0.0278
CF	307.5170	3	102.5057	1.1158	0.3413
CR	60.4899	1	60.4899	0.6584	0.4172
SF	97.0823	3	32.3609	0.3523	0.7874
SR	0.7422	1	0.7422	0.0081	0.9284
FR	128.4733	3	42.8244	0.4661	0.7058
ERROR	293887.8345	3198	91.8687		
CSF	91.0588	3	30.3529	0.3305	0.8030
CSR	43.7816	1	43.7816	0.4767	0.4900
CFR	253.4330	3	84.4777	0.9199	0.4303
SFR	654.0648	3	218.0216	2.3740	0.0684
ERROR	292870.5496	3188	91.8378		
CSFR	501.9405	3	167.3135	1.8232	0.1407
ERROR	292368.6091	3185	91.7667		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 251

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9121999.2275	3543			
MEAN	8779307.8444	1	8779307.8444	90767.0000	0.0000
ERROR	342691.3831	3542	96.7235		
CUR	2017.0927	1	2017.0927	22.4390	0.0001
SEX	19105.5165	1	19105.5165	212.5378	0.0000
F.ED	660.9634	3	220.3211	2.4509	0.0617
RACE	738.2687	1	738.2687	8.2128	0.0043
ERROR	317949.0738	3536	89.8923		
CS	479.0507	1	479.0507	5.3443	0.0210
CF	133.6556	3	44.5519	0.4970	0.6843
CR	229.9738	1	229.9738	2.5656	0.1096
SF	432.9590	3	144.3197	1.6100	0.1845
SR	45.9360	1	45.9360	0.5125	0.4743
FR	498.9146	3	166.3049	1.8553	0.1350
ERROR	315974.8037	3524	89.6383		
CSF	89.0175	3	29.6725	0.3310	0.8027
CSR	103.8378	1	103.8378	1.1584	0.2820
CFR	380.9628	3	126.9876	1.4166	0.2359
SFR	320.5106	3	106.8369	1.1918	0.3114
ERROR	315093.3678	3514	89.6425		
CSFR	110.3129	3	36.7710	0.4100	0.7456
ERROR	314983.0549	3511	89.6877		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 252

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), GRADE 11, 1967

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9154547.5247	3519			
MEAN	8824709.3157	1	8824709.3157	94149.5625	0.0000
ERROR	329838.2089	3518	93.7307		
CUR	2805.6335	1	2805.6335	31.5039	0.0001
SEX	10809.8969	1	10809.8969	121.3821	0.0000
F.ED	1468.5025	3	489.5008	5.4965	0.0010
RACE	84.3831	1	84.3831	0.9475	0.3305
ERROR	312856.1553	3512	89.0567		
CS	1069.1177	1	1069.1177	12.0472	0.0006
CF	238.1071	3	79.3690	0.8944	0.4432
CR	3.0327	1	3.0327	0.0342	0.8534
SF	48.2698	3	16.0899	0.1813	0.9093
SR	105.5836	1	105.5836	1.1898	0.2757
FR	550.3007	3	183.4336	2.0670	0.1025
ERROR	310693.1161	3500	88.7441		
CSF	236.6492	3	78.8831	0.8889	0.4458
CSR	286.1335	1	286.1335	3.2243	0.0727
CFR	56.5083	3	18.8361	0.2123	0.8878
SFR	229.2057	3	76.4019	0.8609	0.4603
ERROR	309801.1016	3490	88.7428		
CSFR	697.1105	3	232.3702	2.6221	0.0491
ERROR	309103.9912	3487	88.6193		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 253

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1576	48.87	7.41	27.39	68.19	68.19	64.46	53.93	43.40	37.07
NON-ACADEMIC	1439	51.13	7.87	28.46	70.43	70.35	63.36	51.73	40.10	33.11
MALES	1402	47.96	7.64	27.39	70.43	70.24	63.10	51.20	39.29	32.15
FEMALES	1613	51.67	7.36	30.68	69.34	69.34	63.92	52.84	41.76	35.11
ELEM F.ED.	863	50.61	7.82	28.48	70.43	70.35	63.37	51.74	40.11	33.13
HS F.ED.	820	50.60	7.90	28.46	68.22	68.22	63.36	51.73	40.10	33.11
COLL F.ED.	1116	48.92	7.33	27.39	69.34	69.34	63.10	51.20	39.29	32.15
D.K.F.ED.	216	50.11	8.01	31.83	68.19	68.19	64.21	53.42	42.62	36.15
BLACK	329	51.91	8.32	29.27	69.34	69.34	63.57	52.14	40.70	33.84
WHITE	2686	49.71	7.61	27.39	70.43	70.24	63.10	51.20	39.29	32.15
NOT IN SAMPLE	750	49.15	7.93	28.46	69.62	69.62	63.10	51.20	39.29	32.15

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	47.56	9.60	32.86	63.82	63.82	63.82	53.93	43.39	37.07
A	M	ELEM	W	140	48.15	7.70	29.52	64.88	64.88	63.63	52.26	40.89	34.07
A	M	HS	B	18	51.31	10.82	29.27	65.97	65.97	63.57	52.14	40.70	33.84
A	M	HS	W	201	48.52	7.32	31.77	68.19	68.19	64.19	53.39	42.58	36.10
A	M	COLL	B	17	49.22	8.94	32.82	64.95	64.95	64.46	53.91	43.37	37.04
A	M	COLL	W	367	46.41	6.76	27.39	63.78	63.78	63.10	51.20	39.29	32.15
A	M	D.K.	B	4	48.07	7.51	40.61	56.10	*	*	*	*	*
A	M	D.K.	W	17	46.51	6.75	35.17	55.02	55.02	55.02	55.02	45.13	39.15
A	F	ELEM	B	23	53.37	7.08	39.51	64.91	64.91	64.91	57.26	48.38	43.06
A	F	ELEM	W	117	50.95	7.61	30.73	65.99	65.99	63.93	52.87	41.80	35.16
A	F	HS	B	18	53.41	7.50	36.05	62.77	62.77	62.77	55.52	45.79	39.95
A	F	HS	W	169	50.38	7.16	30.68	67.10	67.10	63.92	52.84	41.76	35.11
A	F	COLL	B	8	52.31	7.78	37.27	63.81	63.81	63.81	56.13	46.70	41.04
A	F	COLL	W	423	49.59	7.18	30.68	67.10	67.10	63.92	52.84	41.76	35.11
A	F	D.K.	B	9	52.01	4.58	45.96	60.50	60.50	60.50	60.48	53.22	48.86
A	F	D.K.	W	34	49.88	6.00	37.30	64.84	64.84	64.84	56.15	46.73	41.07
N	M	ELEM	B	41	49.65	7.85	31.71	67.16	67.16	64.18	53.36	42.53	36.04
N	M	ELEM	W	194	48.34	8.10	28.48	70.43	70.35	63.37	51.74	40.11	33.13
N	M	HS	B	34	49.48	8.47	32.86	66.05	66.05	64.46	53.93	43.40	37.07
N	M	HS	W	151	48.80	7.98	28.46	67.04	67.04	63.36	51.73	40.10	33.11
N	M	COLL	B	16	50.10	8.90	36.11	64.92	64.92	64.92	55.55	45.83	40.00
N	M	COLL	W	122	48.50	7.08	30.59	62.68	62.68	62.68	52.79	41.69	35.03
N	M	D.K.	B	13	51.74	8.47	36.22	62.68	62.68	62.68	55.61	45.92	40.10
N	M	D.K.	W	56	46.31	8.30	31.83	66.01	66.01	64.21	53.42	42.62	36.15
N	F	ELEM	B	59	53.69	7.61	36.13	69.28	69.28	65.28	55.57	45.85	40.02
N	F	ELEM	W	278	52.67	6.93	34.01	68.21	68.21	64.75	54.51	44.26	38.11
N	F	HS	B	33	55.90	7.70	40.66	68.19	68.19	66.41	57.83	49.24	44.09
N	F	HS	W	196	53.29	7.57	35.05	68.22	68.22	65.01	55.03	45.04	39.05
N	F	COLL	B	7	59.07	6.71	49.45	69.34	69.34	68.61	62.22	55.83	52.00
N	F	COLL	W	156	52.60	6.60	36.15	66.05	66.05	65.29	55.57	45.86	40.03
N	F	D.K.	B	18	50.48	8.41	32.91	62.69	62.69	62.69	53.96	43.43	37.12
N	F	D.K.	W	65	53.88	7.53	35.13	68.19	68.19	65.03	55.07	45.10	39.12
TOTAL				3015	49.95	7.72	27.39	70.43	70.24	63.10	51.20	39.29	32.15

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 254

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1576	0.07	7.32	-29.67	31.42	-9.27	-4.72	0.37	4.51	10.39
NON-ACADEMIC	1439	0.68	8.00	-29.79	24.32	-9.85	-4.92	1.00	5.56	11.67
MALES	1402	0.15	7.83	-29.67	31.42	-9.85	-5.65	0.51	5.06	11.01
FEMALES	1613	0.54	7.50	-29.79	24.38	-9.21	-3.93	0.75	4.90	11.13
ELEM F.ED.	863	0.76	8.07	-29.79	31.42	-9.80	-4.02	1.04	5.50	11.57
HS F.ED.	820	0.55	7.69	-29.67	24.38	-9.39	-4.72	0.91	5.22	11.24
COLL F.ED.	1116	-0.01	7.20	-25.02	19.62	-9.24	-5.03	0.11	4.44	10.35
D.K.F.ED.	216	-0.02	8.07	-22.87	19.67	-10.72	-6.42	0.71	4.90	11.14
BLACK	329	-0.27	8.23	-22.93	21.94	-10.16	-6.25	0.03	4.77	10.96
WHITE	2686	0.44	7.58	-29.79	31.42	-9.44	-4.53	0.71	5.00	11.09
NOT IN SAMPLE	750	0.25	8.25	-25.82	26.71	-10.42	-6.32	0.67	5.53	11.33

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	1.39	8.32	-8.80	21.94	-5.90	-4.25	-0.50	4.50	7.80
A	M	ELEM	W	140	0.67	8.45	-22.87	31.42	-9.80	-5.50	1.00	5.62	11.11
A	M	HS	B	18	-1.97	7.73	-15.84	10.32	-15.08	-5.67	-2.00	3.00	10.20
A	M	HS	W	201	0.26	7.51	-29.67	17.23	-9.25	-3.38	0.84	4.67	10.87
A	M	COLL	B	17	-1.56	9.29	-20.26	12.52	-9.65	-8.38	-4.50	5.50	12.52
A	M	COLL	W	367	-0.25	7.01	-20.48	19.56	-9.33	-5.65	-0.02	4.28	10.24
A	M	D.K.	B	4	2.53	4.86	-4.04	7.70	*	*	*	*	*
A	M	D.K.	W	17	1.51	8.19	-14.64	14.97	-10.60	-5.50	3.00	6.50	12.60
A	F	ELEM	B	23	-0.57	6.90	-20.43	10.26	-9.13	-3.25	0.60	3.50	5.80
A	F	ELEM	W	117	0.57	7.34	-15.37	17.35	-8.94	-4.92	0.56	5.12	11.51
A	F	HS	B	18	-2.83	8.64	-22.75	17.47	-10.40	-8.33	-3.00	1.00	6.40
A	F	HS	W	169	0.51	7.39	-27.52	24.38	-8.03	-3.96	0.77	4.37	10.31
A	F	COLL	B	8	-0.08	8.10	-10.95	14.91	-10.40	-8.00	0.0	2.00	14.40
A	F	COLL	W	423	0.09	6.66	-18.05	19.56	-8.83	-4.24	0.37	4.24	7.76
A	F	D.K.	B	9	0.57	9.73	-22.87	10.32	-15.79	0.17	1.67	3.75	10.32
A	F	D.K.	W	34	-1.78	8.86	-20.32	14.85	-13.20	-7.25	-0.67	2.75	12.60
N	M	ELEM	B	41	-0.95	9.38	-22.93	15.14	-13.80	-6.75	0.60	6.21	7.97
N	M	ELEM	W	194	1.06	8.19	-17.99	24.32	-10.80	-3.50	1.50	5.68	12.13
N	M	HS	B	34	0.99	8.26	-20.48	17.18	-8.60	-6.20	2.40	6.20	12.40
N	M	HS	W	151	-0.05	8.06	-18.05	21.83	-10.26	-6.93	-0.47	5.63	11.25
N	M	COLL	B	16	-0.81	8.95	-13.22	17.35	-10.80	-8.00	-2.00	7.00	11.40
N	M	COLL	W	122	-0.02	8.07	-22.75	17.41	-9.76	-6.10	0.31	5.00	11.40
N	M	D.K.	B	13	0.11	9.19	-15.55	17.41	-11.70	-7.50	2.60	3.90	7.70
N	M	D.K.	W	56	-0.10	7.76	-22.81	12.76	-10.40	-6.00	0.89	4.80	10.96
N	F	ELEM	B	59	-0.62	7.82	-22.75	17.35	-9.64	-3.81	-0.33	4.17	10.44
N	F	ELEM	W	278	1.32	8.03	-29.79	22.05	-9.24	-3.63	1.46	5.80	12.16
N	F	HS	B	33	0.89	8.33	-13.34	17.29	-9.88	-3.90	0.50	6.50	13.40
N	F	HS	W	196	1.75	7.43	-17.93	17.29	-9.10	-2.62	2.13	6.50	11.91
N	F	COLL	B	7	0.97	2.79	-3.80	3.51	-2.60	-0.50	1.50	2.83	3.51
N	F	COLL	W	156	0.47	8.00	-25.02	19.62	-8.98	-3.88	-0.00	4.93	12.11
N	F	D.K.	B	18	1.33	8.57	-11.07	17.29	-10.20	-6.50	0.0	5.50	15.23
N	F	D.K.	W	65	-0.08	7.63	-18.05	19.67	-9.86	-6.92	0.12	5.06	10.75
TOTAL				3015	0.36	7.66	-29.79	31.42	-9.54	-4.79	0.65	4.98	11.08

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 255

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7701058.9868	3014			
MEAN	7521591.7150	1	7521591.7150	126318.6875	0.0000
ERROR	179467.2718	3013	59.5446		
CUR	1945.0338	1	1945.0338	35.6245	0.0000
SEX	9896.6253	1	9896.6253	181.2630	0.0000
F.ED	779.5008	3	259.8336	4.7590	0.0027
RACE	796.8000	1	796.8000	14.5939	0.0003
ERROR	164231.1904	3007	54.5982		
CS	516.5066	1	516.5066	9.4898	0.0022
CF	264.2376	3	88.0792	1.6183	0.1830
CR	24.4444	1	24.4444	0.4491	0.5030
SF	98.1985	3	32.7328	0.6014	0.6139
SR	3.0473	1	3.0473	0.0560	0.8130
FR	116.3686	3	38.7895	0.7127	0.5441
ERROR	163064.0726	2995	54.4273		
CSF	102.9947	3	34.3316	0.6308	0.5950
CSR	8.2593	1	8.2593	0.1518	0.6970
CFR	40.1033	3	13.3678	0.2456	0.8645
SFR	403.7805	3	134.5935	2.4732	0.0600
ERROR	162502.9058	2985	54.4216		
CSFR	264.7735	3	88.2578	1.6228	0.1820
ERROR	162238.1322	2982	54.3876		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 256

BEQ SCALE 8 (LOWER-LEVEL SOCIAL AND LEISURE ACTIVITIES), 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	177086.1553	3014			
MEAN	393.6144	1	393.6144	6.7142	0.0097
ERROR	176692.5410	3013	58.6240		
CUR	170.9608	1	170.9608	2.9245	0.0873
SEX	97.0743	1	97.0743	1.6606	0.1980
F.ED	275.6522	3	91.8841	1.5718	0.1941
RACE	243.6070	1	243.6070	4.1673	0.0415
ERROR	175839.6736	3007	58.4574		
CS	110.3939	1	110.3939	1.8860	0.1700
CF	36.5623	3	12.1874	0.2082	0.8907
CR	11.3769	1	11.3769	0.1944	0.6595
SF	140.3274	3	46.7758	0.7991	0.4940
SR	6.3987	1	6.3987	0.1093	0.7410
FR	210.6050	3	70.2017	1.1994	0.3085
ERROR	175361.6962	2995	58.5320		
CSF	103.6819	3	34.5606	0.5898	0.6215
CSR	2.3423	1	2.3423	0.0400	0.8416
CFR	218.4379	3	72.8126	1.2427	0.2926
SFR	80.7239	3	26.9080	0.4592	0.7108
ERROR	174958.1937	2985	58.5928		
CSFR	19.6624	3	6.5541	0.1118	0.9534
ERROR	174938.5313	2982	58.6452		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 257

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	49.76	9.79	41.57	89.10	41.57	41.57	45.38	53.19	63.79
NON-ACADEMIC	1546	49.06	9.56	41.57	89.10	41.57	41.57	44.34	52.02	63.46
MALES	1507	53.90	11.13	41.57	89.10	41.57	43.26	50.51	60.39	70.29
FEMALES	1711	45.48	5.84	41.57	89.10	41.57	41.57	42.02	46.68	51.92
ELEM F.ED.	928	48.58	9.10	41.57	89.10	41.57	41.57	44.14	51.24	61.52
HS F.ED.	844	49.44	9.36	41.57	89.10	41.57	41.57	45.19	52.92	63.76
COLL F.ED.	1129	50.07	10.33	41.57	89.10	41.57	41.57	45.34	53.66	65.25
D.K.F.ED.	317	49.54	9.68	41.57	84.34	41.57	41.57	44.84	53.65	63.15
BLACK	368	50.17	9.58	41.57	84.34	41.57	41.57	46.38	53.75	63.50
WHITE	2850	49.33	9.69	41.57	89.10	41.57	41.57	44.73	52.39	63.64
NOT IN SAMPLE	3703	50.50	10.24	41.57	89.10	41.57	41.57	46.04	55.15	65.64

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	49.49	5.85	41.57	60.58	41.57	43.75	47.50	52.50	57.00
A	M	ELEM	W	149	51.81	10.12	41.57	84.34	41.57	42.16	48.23	56.69	66.14
A	M	HS	B	18	53.45	8.51	41.57	74.84	43.30	46.00	50.50	56.67	65.50
A	M	HS	W	210	53.11	10.54	41.57	84.34	41.57	42.34	50.07	58.53	68.00
A	M	COLL	B	17	55.83	11.02	41.57	84.34	41.57	47.92	54.38	60.42	69.00
A	M	COLL	W	370	54.89	11.74	41.57	89.10	41.57	43.82	51.30	61.95	72.27
A	M	D.K.	B	9	54.24	12.80	41.57	74.84	41.57	43.13	50.00	56.87	74.84
A	M	D.K.	W	34	57.22	12.63	41.57	84.34	41.57	45.63	54.50	65.00	76.83
A	F	ELEM	B	24	48.30	10.00	41.57	79.59	41.57	41.57	43.75	47.50	65.50
A	F	ELEM	W	138	44.91	5.64	41.57	74.84	41.57	41.57	41.57	45.69	51.14
A	F	HS	B	18	46.06	5.28	41.57	55.83	41.57	41.57	43.33	47.08	54.50
A	F	HS	W	176	45.51	5.43	41.57	74.84	41.57	41.57	42.23	47.03	51.81
A	F	COLL	B	9	47.90	5.82	41.57	60.58	41.57	42.81	45.63	49.37	58.00
A	F	COLL	W	427	45.95	6.17	41.57	89.10	41.57	41.57	42.52	47.12	52.19
A	F	D.K.	B	10	45.37	5.39	41.57	55.83	41.57	41.57	41.67	48.75	52.50
A	F	D.K.	W	51	46.60	6.88	41.57	65.33	41.57	41.57	42.22	49.06	56.58
N	M	ELEM	B	41	52.00	10.15	41.57	84.34	41.57	43.13	48.44	56.25	64.87
N	M	ELEM	W	212	53.81	11.14	41.57	89.10	41.57	42.92	50.44	60.92	69.35
N	M	HS	B	34	54.29	9.56	41.57	74.84	41.57	46.00	51.87	58.75	69.00
N	M	HS	W	158	54.47	10.77	41.57	89.10	41.57	44.07	51.70	62.29	69.67
N	M	COLL	B	16	62.06	14.17	41.57	84.34	41.57	50.00	60.00	72.50	83.50
N	M	COLL	W	126	54.02	12.27	41.57	89.10	41.57	42.42	49.29	61.43	74.00
N	M	D.K.	B	28	52.77	9.52	41.57	74.84	41.57	43.75	48.75	60.00	65.50
N	M	D.K.	W	73	52.57	10.65	41.57	79.59	41.57	41.57	49.37	59.66	69.20
N	F	ELEM	B	61	46.48	6.37	41.57	74.84	41.57	41.57	42.75	49.30	52.16
N	F	ELEM	W	291	44.80	5.12	41.57	70.08	41.57	41.57	41.68	45.80	50.57
N	F	HS	B	33	46.75	6.96	41.57	65.33	41.57	41.57	42.35	49.46	56.00
N	F	HS	W	197	44.56	5.15	41.57	70.08	41.57	41.57	41.57	45.14	49.94
N	F	COLL	B	7	46.32	5.49	41.57	55.83	41.57	41.57	43.75	48.75	54.00
N	F	COLL	W	157	45.17	5.39	41.57	65.33	41.57	41.57	41.63	46.71	52.64
N	F	D.K.	B	31	46.63	8.76	41.57	70.08	41.57	41.57	41.57	46.56	60.67
N	F	D.K.	W	81	45.44	5.10	41.57	65.33	41.57	41.57	42.60	46.65	51.09
TOTAL				3218	49.42	9.68	41.57	89.10	41.57	41.57	44.91	52.51	63.63

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 258

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1773	49.43	9.77	41.64	88.11	41.64	41.64	44.70	53.03	64.14
NON-ACADEMIC	1751	48.82	9.37	41.64	88.11	41.64	41.64	43.80	52.16	63.55
MALES	1648	54.09	10.89	41.64	88.11	41.64	43.76	50.94	60.91	70.81
FEMALES	1876	44.76	5.24	41.64	78.81	41.64	41.64	41.64	45.47	51.29
ELEM F.ED.	979	48.66	9.41	41.64	88.11	41.64	41.64	43.54	51.61	64.06
HS F.ED.	929	49.11	9.87	41.64	88.11	41.64	41.64	43.94	52.49	63.81
COLL F.ED.	1218	49.25	9.57	41.64	88.11	41.64	41.64	44.48	52.73	64.02
D.K.F.ED.	398	49.92	9.29	41.64	88.11	41.64	41.64	45.95	54.32	62.58
BLACK	561	49.56	9.22	41.64	88.11	41.64	41.64	45.68	53.15	61.49
WHITE	2963	49.04	9.64	41.64	88.11	41.64	41.64	43.92	52.41	64.38
NOT IN SAMPLE	4798	50.64	10.25	41.64	88.11	41.64	41.64	46.08	56.05	66.38

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	52.58	11.26	41.64	78.81	41.64	43.54	47.08	59.37	74.00
A	M	ELEM	W	151	54.08	11.04	41.64	83.46	41.64	43.17	50.43	63.25	70.80
A	M	HS	B	30	54.03	11.40	41.64	83.46	41.64	44.06	50.83	59.37	67.50
A	M	HS	W	218	53.69	11.14	41.64	88.11	41.64	43.49	50.43	58.81	71.68
A	M	COLL	B	20	52.56	11.41	41.64	83.46	41.64	43.50	48.75	55.83	62.50
A	M	COLL	W	394	53.94	10.79	41.64	88.11	41.64	43.55	50.98	60.69	70.33
A	M	D.K.	B	15	54.03	10.19	41.64	74.17	41.64	44.38	51.67	60.62	70.00
A	M	D.K.	W	37	56.37	12.20	41.64	88.11	42.13	45.42	53.00	62.25	75.75
A	F	ELEM	B	36	46.03	5.98	41.64	60.23	41.64	41.64	42.24	47.50	56.00
A	F	ELEM	W	126	44.65	5.33	41.64	69.52	41.64	41.64	41.64	45.22	50.73
A	F	HS	B	25	45.17	5.89	41.64	60.23	41.64	41.64	41.64	46.87	55.00
A	F	HS	W	180	44.38	5.06	41.64	69.52	41.64	41.64	41.64	44.58	50.00
A	F	COLL	B	13	52.01	7.14	41.64	64.88	42.88	45.31	50.00	55.42	64.25
A	F	COLL	W	444	44.79	5.50	41.64	78.81	41.64	41.64	41.64	45.38	51.14
A	F	D.K.	B	13	46.29	5.02	41.64	60.23	41.64	41.64	44.29	46.61	51.00
A	F	D.K.	W	54	46.05	5.38	41.64	60.23	41.64	41.64	42.88	48.25	52.30
N	M	ELEM	B	55	51.59	11.20	41.64	88.11	41.64	41.64	47.73	55.75	66.67
N	M	ELEM	W	217	54.21	10.76	41.64	83.46	41.64	43.97	51.02	62.42	70.39
N	M	HS	B	48	53.45	10.93	41.64	83.46	41.64	43.86	49.50	59.50	72.83
N	M	HS	W	161	55.06	11.26	41.64	83.46	41.64	44.01	52.40	63.67	71.47
N	M	COLL	B	21	56.30	9.94	41.64	74.17	43.60	46.75	54.38	60.94	74.00
N	M	COLL	W	136	54.49	10.69	41.64	83.46	41.64	44.17	51.41	62.14	70.86
N	M	D.K.	B	47	52.64	10.85	41.64	83.46	41.64	42.92	49.25	56.25	69.67
N	M	D.K.	W	81	55.08	9.71	41.64	78.81	41.64	45.97	54.03	61.37	69.95
N	F	ELEM	B	84	46.44	6.07	41.64	70.68	41.64	41.64	43.00	48.75	55.07
N	F	ELEM	W	293	43.66	4.04	41.64	64.88	41.64	41.64	41.64	43.09	47.69
N	F	HS	B	56	46.35	6.25	41.64	64.88	41.64	41.64	42.17	49.37	55.90
N	F	HS	W	211	43.39	3.48	41.64	64.88	41.64	41.64	41.64	42.80	47.08
N	F	COLL	B	20	46.99	8.16	41.64	69.52	41.64	41.64	42.05	49.17	57.50
N	F	COLL	W	170	44.62	5.05	41.64	69.52	41.64	41.64	41.64	45.56	50.91
N	F	D.K.	B	61	46.99	5.74	41.64	60.23	41.64	41.64	44.21	49.79	55.78
N	F	D.K.	W	90	45.33	5.82	41.64	64.88	41.64	41.64	41.64	46.41	53.50
TOTAL				3524	49.12	9.58	41.64	88.11	41.64	41.64	44.26	52.52	63.86

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

3/0

TABLE 259

BEQ SCALE 9 (TECHNICAL HUBBIES AND INTERESTS), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1790	49.24	9.52	42.16	91.31	42.16	42.16	43.36	51.44	61.68
NON-ACADEMIC	1721	49.32	9.80	42.16	91.31	42.16	42.16	42.94	51.68	62.17
MALES	1641	54.50	11.04	42.16	91.31	42.16	43.18	50.36	59.81	68.87
FEMALES	1870	44.69	4.81	42.16	81.48	42.16	42.16	42.16	44.04	49.40
ELEM F.ED.	1051	49.19	9.22	42.16	86.40	42.16	42.16	43.38	51.65	61.55
HS F.ED.	961	49.33	9.81	42.16	91.31	42.16	42.16	42.99	51.83	62.01
COLL F.ED.	1235	49.46	10.07	42.16	91.31	42.16	42.16	43.08	51.65	62.66
D.K.F.ED.	264	48.56	8.80	42.16	86.40	42.16	42.16	43.20	49.93	60.04
BLACK	513	49.30	9.43	42.16	91.31	42.16	42.16	43.94	51.17	61.12
WHITE	2998	49.27	9.70	42.16	91.31	42.16	42.16	42.99	51.62	62.08
NOT IN SAMPLE	3348	50.76	10.30	42.16	91.31	42.16	42.16	45.16	54.41	64.89

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	51.17	9.87	42.16	71.65	42.16	42.16	47.50	52.00	68.00
A	M	ELEM	W	161	53.91	10.40	42.16	86.40	42.16	43.13	49.60	59.54	67.46
A	M	HS	B	30	54.61	12.63	42.16	81.48	42.16	42.16	47.50	61.87	72.50
A	M	HS	W	228	53.49	10.55	42.16	91.31	42.16	42.41	49.80	57.24	66.05
A	M	COLL	B	20	55.92	12.10	42.16	76.57	42.16	43.75	50.83	62.50	72.50
A	M	COLL	W	397	53.88	11.40	42.16	91.31	42.16	42.37	49.13	58.72	68.53
A	M	D.K.	B	6	46.25	3.70	42.16	51.99	42.16	42.16	44.17	46.67	49.50
A	M	D.K.	W	20	55.43	9.18	42.16	71.65	42.16	45.00	55.00	60.83	65.00
A	F	ELEM	B	37	46.94	6.29	42.16	66.74	42.16	42.16	42.75	47.37	54.67
A	F	ELEM	W	146	45.09	4.95	42.16	71.65	42.16	42.16	42.16	45.16	49.81
A	F	HS	B	27	44.75	3.98	42.16	56.90	42.16	42.16	42.16	45.21	49.67
A	F	HS	W	187	44.29	4.07	42.16	61.82	42.16	42.16	42.16	42.95	49.06
A	F	COLL	B	15	49.04	6.90	42.16	61.82	42.16	42.16	45.63	51.25	58.75
A	F	COLL	W	449	44.57	4.70	42.16	71.65	42.16	42.16	42.16	43.58	49.13
A	F	D.K.	B	11	47.52	7.44	42.16	66.74	42.16	42.16	43.33	48.12	52.25
A	F	D.K.	W	38	45.52	4.59	42.16	61.82	42.16	42.16	42.16	46.25	50.17
N	M	ELEM	B	55	51.21	8.85	42.16	76.57	42.16	42.72	46.76	54.31	60.62
N	M	ELEM	W	239	56.07	10.52	42.16	81.48	42.16	44.97	53.51	61.38	69.57
N	M	HS	B	50	56.31	13.85	42.16	91.31	42.16	42.16	52.50	62.19	77.50
N	M	HS	W	171	55.11	10.82	42.16	86.40	42.16	44.29	51.29	60.07	69.53
N	M	COLL	B	21	58.13	11.36	42.16	76.57	42.16	47.81	56.25	66.25	72.33
N	M	COLL	W	141	56.28	11.68	42.16	91.31	42.16	44.71	51.70	62.43	71.58
N	M	D.K.	B	23	51.88	9.45	42.16	76.57	42.16	42.16	49.00	55.31	64.25
N	M	D.K.	W	61	54.19	11.68	42.16	86.40	42.16	42.16	49.82	59.25	72.00
N	F	ELEM	B	87	45.84	5.15	42.16	61.82	42.16	42.16	42.16	46.74	52.18
N	F	ELEM	W	308	44.08	4.29	42.16	76.57	42.16	42.16	42.16	42.44	47.30
N	F	HS	B	56	44.79	4.29	42.16	61.82	42.16	42.16	42.16	45.00	49.62
N	F	HS	W	212	44.04	3.97	42.16	66.74	42.16	42.16	42.16	42.47	47.17
N	F	COLL	B	32	47.30	8.09	42.16	71.65	42.16	42.16	42.16	48.75	57.00
N	F	COLL	W	170	44.91	6.01	42.16	81.48	42.16	42.16	42.16	43.57	50.15
N	F	D.K.	B	35	44.26	2.74	42.16	51.99	42.16	42.16	42.16	44.52	46.54
N	F	D.K.	W	70	44.76	5.07	42.16	71.65	42.16	42.16	42.16	44.11	48.75
TOTAL				3511	49.28	9.66	42.16	91.31	42.16	42.16	43.16	51.55	61.94

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

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TABLE 260

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 7, 1963

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8161923.6924	3217			
MEAN	7860274.4580	1	7860274.4580	83827.4375	0.0000
ERROR	301649.2344	3216	93.7673		
CUR	5.2552	1	5.2552	0.0693	0.7925
SEX	56376.0974	1	56376.0974	743.1362	0.0000
F.ED	927.6580	3	309.2193	4.0761	0.0068
RACE	324.0304	1	324.0304	4.2713	0.0390
ERROR	243594.0473	3210	75.8624		
CS	250.0158	1	250.0158	3.3057	0.0691
CF	482.7407	3	160.9136	2.1276	0.0946
CR	63.6302	1	63.6302	0.8413	0.3591
SF	310.9601	3	103.6534	1.3705	0.2499
SR	264.4713	1	264.4713	3.4969	0.0616
FR	460.4847	3	153.4949	2.0295	0.1077
ERROR	241944.4343	3198	75.6313		
CSF	509.6063	3	169.8688	2.2493	0.0807
CSR	32.7496	1	32.7496	0.4337	0.5103
CFR	219.2037	3	73.0679	0.9675	0.4071
SFR	365.0738	3	121.6913	1.6114	0.1846
ERROR	240833.9029	3188	75.5202		
CSFR	178.2830	3	59.4277	0.7868	0.5009
ERROR	240655.6200	3185	75.5354		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8827330.7551	3523			
MEAN	8504061.9717	1	8504061.9717	92677.6250	0.0000
ERROR	323268.7834	3522	91.7595		
CUR	9.5109	1	9.5109	0.1359	0.7125
SEX	76226.3699	1	76226.3699	1089.3879	0.0000
F.ED	449.7652	3	149.9217	2.1426	0.0928
RACE	197.5722	1	197.5722	2.8236	0.0934
ERROR	246090.5203	3516	69.9717		
CS	197.6917	1	197.6917	2.8418	0.0922
CF	89.6252	3	29.8751	0.4295	0.7318
CR	3.4159	1	3.4159	0.0491	0.8247
SF	155.8015	3	51.9338	0.7465	0.5240
SR	1652.2516	1	1652.2516	23.7511	0.0001
FR	328.6861	3	109.5620	1.5750	0.1933
ERROR	243826.3238	3504	69.5653		
CSF	105.4558	3	35.1519	0.5043	0.6790
CSR	21.1669	1	21.1669	0.3037	0.5818
CFR	9.0515	3	3.0172	0.0433	0.9882
SFR	47.4342	3	15.8114	0.2268	0.8776
ERROR	243617.9969	3494	69.7047		
CSFR	428.8593	3	142.9531	2.0527	0.1044
ERROR	243189.1377	3491	69.6418		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 262

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8853321.3445	3510			
MEAN	8525990.2294	1	8525990.2294	91424.8750	0.0000
ERROR	327331.1151	3509	93.2568		
CUR	338.5976	1	338.5976	4.8892	0.0272
SEX	84433.2194	1	84433.2194	1219.1826	0.0000
F.ED	239.8071	3	79.9357	1.1542	0.3258
RACE	63.0429	1	63.0429	0.9103	0.3403
ERROR	242665.7574	3503	69.2539		
CS	1051.6765	1	1051.6765	15.3148	0.0002
CF	158.5709	3	52.8570	0.7697	0.5107
CR	23.9805	1	23.9805	0.3492	0.5546
SF	230.0619	3	76.6873	1.1167	0.3409
SR	811.1832	1	811.1832	11.8127	0.0007
FR	786.5050	3	262.1683	3.8178	0.0097
ERROR	239797.3298	3491	68.6705		
CSF	33.5198	3	11.1733	0.1628	0.9212
CSR	7.3766	1	7.3766	0.1075	0.7431
CFR	42.1368	3	14.0456	0.2047	0.8933
SFR	824.0865	3	274.6955	4.0034	0.0075
ERROR	238917.9859	3481	68.6152		
CSFR	240.7696	3	80.2565	1.1698	0.3197
ERROR	238677.2163	3478	68.6051		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 263

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1569	49.41	8.17	41.79	84.77	72.49	67.90	60.25	52.60	48.02
NON-ACADEMIC	1431	48.92	8.16	41.79	81.37	72.06	67.01	58.61	50.20	45.15
MALES	1393	54.18	8.96	41.79	84.77	72.69	67.54	58.96	50.37	45.22
FEMALES	1607	44.84	3.81	41.79	70.46	70.46	66.70	58.40	50.09	45.11
ELEM F.ED.	860	48.81	7.87	41.79	81.37	72.03	66.99	58.59	50.19	45.15
HS F.ED.	814	49.12	8.16	41.79	84.70	72.05	67.01	58.60	50.20	45.15
COLL F.ED.	1112	49.56	8.47	41.79	84.77	72.17	67.11	58.67	50.23	45.17
D.K.F.ED.	214	48.81	7.74	41.79	76.60	72.81	67.64	59.02	50.41	45.24
BLACK	327	49.48	7.67	41.79	81.46	72.51	67.39	58.86	50.32	45.20
WHITE	2673	49.14	8.23	41.79	84.77	72.10	67.05	58.63	50.21	45.16
NOT IN SAMPLE	746	49.56	8.13	41.79	86.37	72.14	67.08	58.65	50.22	45.16

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	51.17	4.76	44.96	59.51	59.51	59.51	59.51	52.47	47.96
A	M	ELEM	W	140	53.22	8.51	41.79	76.81	72.11	67.06	58.64	50.21	45.16
A	M	HS	B	18	54.26	7.92	41.79	70.29	70.29	66.95	58.90	50.84	46.01
A	M	HS	W	200	53.37	8.93	41.79	84.70	72.76	67.60	59.00	50.39	45.23
A	M	COLL	B	17	53.78	9.76	43.34	81.46	73.70	68.98	61.10	53.22	48.49
A	M	COLL	W	365	54.31	9.26	41.79	84.77	72.69	67.54	58.96	50.37	45.22
A	M	D.K.	B	4	52.06	5.81	48.23	60.71	*	*	*	*	*
A	M	D.K.	W	17	56.10	10.28	43.37	76.60	73.62	68.58	60.17	51.77	46.73
A	F	ELEM	B	23	47.32	5.40	41.79	59.18	59.18	59.18	58.40	50.09	45.11
A	F	ELEM	W	116	44.83	4.17	41.79	70.46	70.46	66.70	58.40	50.09	45.11
A	F	HS	B	17	44.42	2.69	41.79	51.28	51.28	51.28	51.28	50.09	45.11
A	F	HS	W	169	44.72	3.66	41.79	60.89	60.89	60.89	58.40	50.09	45.11
A	F	COLL	B	8	51.30	5.36	43.34	60.79	60.79	60.79	59.17	51.26	46.51
A	F	COLL	W	422	45.06	3.95	41.79	67.19	67.19	66.70	58.40	50.09	45.11
A	F	D.K.	B	9	46.19	3.60	41.79	52.79	52.79	52.79	52.79	50.09	45.11
A	F	D.K.	W	33	46.01	3.75	41.79	56.09	56.09	56.09	56.09	50.09	45.11
N	M	ELEM	B	41	51.56	7.96	41.79	81.37	72.43	67.32	58.81	50.30	45.19
N	M	ELEM	W	192	54.92	8.97	41.79	78.38	72.80	67.63	59.02	50.40	45.24
N	M	HS	B	33	54.38	9.66	41.79	80.07	72.61	67.48	58.91	50.35	45.21
N	M	HS	W	149	54.75	8.44	41.79	75.33	72.08	67.03	58.62	50.20	45.16
N	M	COLL	B	16	58.32	9.09	43.73	68.98	68.98	67.43	59.86	52.29	47.75
N	M	COLL	W	122	55.17	9.37	41.79	79.95	72.96	67.76	59.10	50.45	45.25
N	M	D.K.	B	13	49.98	9.79	41.79	73.57	73.57	68.61	59.67	50.73	45.37
N	M	D.K.	W	55	54.16	8.64	41.79	75.28	72.23	67.16	58.70	50.25	45.17
N	F	ELEM	B	59	46.17	3.54	41.79	57.81	57.81	57.81	57.81	50.09	45.11
N	F	ELEM	W	278	44.23	3.41	41.79	65.86	65.86	65.86	58.40	50.09	45.11
N	F	HS	B	33	45.38	4.22	41.79	60.73	60.73	60.73	58.40	50.09	45.11
N	F	HS	W	195	43.97	2.96	41.79	56.18	56.18	56.18	56.18	50.09	45.11
N	F	COLL	B	7	46.99	7.30	41.79	62.39	62.39	62.39	58.40	50.09	45.11
N	F	COLL	W	155	44.88	4.00	41.79	62.39	62.39	62.39	58.40	50.09	45.11
N	F	D.K.	B	18	44.79	4.52	41.79	57.58	57.58	57.58	57.58	50.09	45.11
N	F	D.K.	W	65	44.85	3.35	41.79	56.03	56.03	56.03	56.03	50.09	45.11
TOTAL				3000	49.18	8.17	41.79	84.77	72.05	67.01	58.60	50.20	45.15

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic . (N < 5)

TABLE 264

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1569	-0.50	6.82	-33.19	31.70	-8.35	-3.66	0.58	2.09	6.97
NON-ACADEMIC	1431	0.13	6.70	-26.24	31.70	-7.75	-3.19	0.83	2.82	7.60
MALES	1393	0.35	8.54	-33.19	31.70	-9.53	-4.36	0.87	5.55	11.14
FEMALES	1607	-0.68	4.68	-26.47	21.50	-7.14	-3.03	0.63	1.67	3.73
ELEM F.ED.	860	0.16	6.26	-26.47	24.98	-7.49	-3.18	0.79	2.50	7.45
HS F.ED.	814	-0.26	6.79	-26.24	31.70	-8.03	-3.41	0.71	2.53	7.22
COLL F.ED.	1112	-0.50	7.17	-33.19	31.70	-8.69	-3.70	0.59	1.99	7.12
D.K.F.ED.	214	0.07	6.50	-23.11	21.50	-7.80	-3.42	0.90	3.65	7.33
BLACK	327	-0.55	6.83	-26.47	21.27	-8.57	-4.56	0.66	2.95	7.07
WHITE	2673	-0.16	6.76	-33.19	31.70	-7.94	-3.39	0.71	2.37	7.29
NOT IN SAMPLE	746	0.49	7.18	-23.00	24.86	-8.37	-3.33	0.87	3.71	10.25

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	0.93	8.08	-9.67	14.44	-8.90	-7.25	1.50	6.83	7.93
A	M	ELEM	W	140	1.10	7.68	-23.11	24.98	-8.25	-3.42	1.03	6.00	11.25
A	M	HS	B	18	1.67	8.42	-9.67	18.14	-8.20	-5.00	0.67	10.33	14.40
A	M	HS	W	200	0.03	8.17	-22.87	31.70	-9.40	-3.87	0.79	4.88	10.15
A	M	COLL	B	17	-0.87	7.96	-13.02	21.27	-9.30	-6.75	0.20	1.90	6.60
A	M	COLL	W	365	-0.65	8.90	-33.19	28.45	-12.47	-6.26	0.46	4.32	10.42
A	M	D.K.	B	4	-7.03	8.86	-19.64	0.65	*	*	*	*	*
A	M	D.K.	W	17	-0.24	7.44	-9.55	14.32	-9.15	-7.50	0.50	4.75	10.60
A	F	ELEM	B	23	-1.08	7.42	-26.47	11.08	-9.13	-2.83	0.90	2.17	5.40
A	F	ELEM	W	116	-0.42	3.99	-9.67	10.84	-6.73	-3.00	0.58	1.64	3.85
A	F	HS	B	17	-1.11	4.97	-9.67	7.48	-8.30	-3.88	0.25	2.38	3.65
A	F	HS	W	169	-0.80	4.12	-13.02	10.84	-7.12	-3.13	0.55	1.58	3.47
A	F	COLL	B	8	2.31	5.48	-2.83	14.32	-2.83	-2.00	1.33	5.00	14.32
A	F	COLL	W	422	-1.06	4.86	-23.11	14.55	-7.37	-3.27	0.51	1.59	3.70
A	F	D.K.	B	9	0.13	5.23	-6.30	7.37	-6.30	-3.75	0.50	3.50	7.10
A	F	D.K.	W	33	-1.46	5.55	-13.02	7.37	-8.47	-6.79	0.12	2.30	6.35
N	M	ELEM	B	41	-0.50	7.05	-12.91	21.27	-9.27	-3.95	0.12	4.25	7.80
N	M	ELEM	W	192	1.38	8.05	-19.74	21.39	-8.56	-3.52	1.29	6.43	11.55
N	M	HS	B	33	0.83	8.86	-19.64	15.01	-9.70	-6.38	1.37	6.92	14.47
N	M	HS	W	149	-0.03	9.24	-26.24	18.26	-13.02	-4.50	1.00	5.85	11.35
N	M	COLL	B	16	-3.81	7.59	-19.40	11.31	-15.88	-6.00	-4.00	0.67	6.80
N	M	COLL	W	122	1.75	9.58	-19.64	31.70	-9.30	-4.17	1.47	7.31	14.51
N	M	D.K.	B	13	1.13	4.24	-6.07	7.95	-3.80	-2.50	1.25	4.75	6.70
N	M	D.K.	W	55	2.45	8.23	-23.11	21.50	-7.80	-2.50	4.12	7.25	11.67
N	F	ELEM	B	59	-0.54	6.14	-23.11	13.45	-7.65	-6.05	0.86	2.64	6.07
N	F	ELEM	W	278	-0.59	4.03	-19.74	14.44	-6.58	-2.73	0.66	1.56	2.86
N	F	HS	B	33	-1.67	4.68	-9.67	7.37	-8.35	-6.58	0.36	1.54	3.13
N	F	HS	W	195	-0.30	4.33	-19.74	17.80	-6.07	-2.53	0.74	1.68	3.19
N	F	COLL	B	7	0.04	2.43	-2.94	4.24	-2.94	-2.25	0.75	1.63	4.24
N	F	COLL	W	155	-0.17	5.08	-16.38	21.50	-7.42	-2.53	0.81	1.74	5.40
N	F	D.K.	B	18	-1.59	7.13	-19.74	3.89	-15.47	0.11	1.11	2.20	3.28
N	F	D.K.	W	65	-0.41	4.44	-16.38	10.84	-6.71	-2.96	0.63	1.72	4.50
TOTAL				3000	-0.20	6.77	-33.19	31.70	-8.00	-3.45	0.70	2.45	7.26

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

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BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7454770.8772	2999			
MEAN	7254642.8101	1	7254642.8101	108713.6875	0.0000
ERROR	200128.0671	2998	66.7316		
CUR	28.0031	1	28.0031	0.6219	0.4304
SEX	64891.7674	1	64891.7674	1441.1230	0.0000
F.ED	306.9011	3	102.3004	2.2719	0.0783
RACE	48.0058	1	48.0058	1.0661	0.3020
ERROR	134770.5817	2992	45.0286		
CS	460.9617	1	460.9617	10.3177	0.0014
CF	108.7534	3	36.2511	0.8114	0.4873
CR	1.0884	1	1.0884	0.0244	0.8760
SF	84.4473	3	28.1491	0.6301	0.5953
SR	701.8613	1	701.8613	15.7098	0.0001
FR	451.3316	3	150.4439	3.3674	0.0179
ERROR	133180.8036	2980	44.6766		
CSF	76.9409	3	25.6470	0.5737	0.6322
CSR	0.0097	1	0.0097	0.0002	0.9883
CFR	28.5104	3	9.5035	0.2126	0.8875
SFR	239.7486	3	79.9162	1.7875	0.1474
ERROR	132827.6884	2970	44.7081		
CSFR	196.3985	3	65.4662	1.4650	0.2221
ERROR	132631.2899	2967	44.6871		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 9 (TECHNICAL HOBBIES AND INTERESTS), 1ST ORDER TREND

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	137502.1714	2999			
MEAN	121.5901	1	121.5901	2.6543	0.1036
ERROR	137380.5813	2998	45.8088		
CUR	234.8593	1	234.8593	5.1681	0.0232
SEX	861.9927	1	861.9927	18.9682	0.0001
F.ED	133.1786	3	44.3929	0.9769	0.4026
RACE	115.1966	1	115.1966	2.5349	0.1117
ERROR	136014.3469	2992	45.4442		
CS	37.7392	1	37.7392	0.8314	0.3621
CF	256.1268	3	85.3756	1.8807	0.1307
CR	94.5898	1	94.5898	2.0837	0.1493
SF	128.1135	3	42.7045	0.9407	0.4200
SR	44.8439	1	44.8439	0.9879	0.3205
FR	68.7037	3	22.9012	0.5045	0.6790
ERROR	135322.5556	2980	45.3950		
CSF	179.8455	3	59.9485	1.3226	0.2652
CSR	0.4701	1	0.4701	0.0104	0.9189
CFR	155.4651	3	51.8217	1.1433	0.3302
SFR	356.8892	3	118.9631	2.6246	0.0489
ERROR	134664.3221	2970	45.3263		
CSFR	151.0698	3	50.3566	1.1111	0.3432
ERROR	134513.2523	2967	45.3212		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 267

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	49.77	9.96	22.54	74.98	36.79	43.43	50.07	56.72	63.36
NON-ACADEMIC	1546	50.37	9.80	22.54	76.99	37.92	44.01	50.98	57.10	63.90
MALES	1507	51.41	9.68	22.54	76.99	38.99	44.86	52.36	58.01	64.41
FEMALES	1711	48.87	9.92	22.54	74.98	36.07	42.75	49.02	55.99	62.88
ELEM F.ED.	928	50.29	10.07	22.54	76.99	36.73	43.97	50.79	57.29	64.05
HS F.ED.	844	51.16	9.38	22.54	74.98	39.11	44.77	51.88	57.45	63.91
COLL F.ED.	1129	49.09	9.82	22.54	74.98	36.72	42.98	49.26	56.02	62.56
D.K.F.ED.	317	49.89	10.56	22.54	74.98	36.35	42.92	50.24	57.40	64.64
BLACK	368	51.22	9.08	24.55	74.98	39.96	45.09	51.53	57.38	63.56
WHITE	2850	49.91	9.98	22.54	76.99	37.05	43.52	50.35	56.84	63.66
NOT IN SAMPLE	3703	49.95	10.10	22.54	76.99	36.76	43.55	50.38	56.80	63.57

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	51.11	8.51	42.71	70.94	43.50	45.00	47.50	57.50	62.00
A	M	ELEM	W	149	50.69	9.96	24.55	72.96	37.45	44.21	51.15	57.16	63.96
A	M	HS	B	18	52.79	9.88	30.60	70.94	43.30	46.00	53.50	58.75	68.00
A	M	HS	W	210	52.84	8.98	30.60	72.96	40.94	45.81	53.44	59.49	65.12
A	M	COLL	B	17	53.26	7.22	38.67	62.87	43.67	47.92	54.00	58.75	62.87
A	M	COLL	W	370	50.09	9.83	24.55	74.98	36.82	44.05	50.52	56.77	63.04
A	M	D.K.	B	9	54.81	8.07	38.67	62.87	42.00	48.75	56.25	60.42	62.87
A	M	D.K.	W	34	52.02	9.84	34.64	74.98	39.25	45.00	52.50	60.62	65.50
A	F	ELEM	B	24	52.20	7.53	38.67	64.89	43.90	47.50	51.79	58.75	63.50
A	F	ELEM	W	138	48.84	10.86	24.55	74.98	34.31	42.59	49.00	56.44	63.73
A	F	HS	B	18	53.80	7.39	38.67	66.91	44.50	49.00	53.75	59.38	63.00
A	F	HS	W	176	48.78	9.55	22.54	70.94	37.81	42.77	48.91	55.59	61.69
A	F	COLL	B	9	56.38	5.50	48.76	64.89	49.00	51.25	56.25	60.42	63.00
A	F	COLL	W	427	47.62	10.26	22.54	74.98	34.59	40.90	47.06	55.20	62.55
A	F	D.K.	B	10	47.75	6.60	38.67	58.84	40.00	43.00	45.50	53.75	57.50
A	F	D.K.	W	51	47.69	10.28	24.55	68.92	34.25	39.84	49.09	54.89	62.25
N	M	ELEM	B	41	53.33	9.13	36.66	72.96	36.66	49.11	54.62	60.25	65.29
N	M	ELEM	W	212	51.71	10.44	22.54	76.99	37.57	44.68	53.28	59.22	65.55
N	M	HS	B	34	54.04	8.23	36.66	74.98	43.67	47.92	54.00	59.00	64.50
N	M	HS	W	158	52.51	8.90	22.54	72.96	42.78	46.48	53.45	58.70	64.32
N	M	COLL	B	16	53.29	7.98	38.67	66.91	41.50	45.83	55.00	58.75	61.75
N	M	COLL	W	126	49.89	9.39	22.54	74.98	38.85	43.75	50.23	56.08	62.23
N	M	D.K.	B	28	52.21	10.56	28.59	72.96	40.50	44.38	50.83	62.50	66.70
N	M	D.K.	W	73	50.36	10.82	22.54	74.98	38.15	43.25	50.94	58.04	65.11
N	F	ELEM	B	61	49.02	9.14	24.55	74.98	37.58	43.66	49.37	55.48	60.75
N	F	ELEM	W	291	49.38	9.87	22.54	74.98	36.61	43.48	49.40	56.59	63.48
N	F	HS	B	33	47.35	9.40	30.60	72.96	37.75	41.88	46.25	52.29	61.00
N	F	HS	W	197	50.18	9.66	24.55	74.98	36.42	43.75	51.33	56.76	63.47
N	F	COLL	B	7	53.37	8.53	42.71	66.91	40.00	48.75	51.67	63.12	65.75
N	F	COLL	W	157	48.62	8.84	22.54	70.94	38.56	42.82	48.58	54.96	61.15
N	F	D.K.	B	31	45.70	9.56	24.55	62.87	33.88	40.42	46.56	51.96	57.37
N	F	D.K.	W	81	50.47	11.32	22.54	70.94	34.73	42.92	52.94	59.87	65.15
TOTAL				3218	50.00	9.89	22.54	76.99	37.42	43.71	50.50	56.90	63.55

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 268

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1779	50.01	9.78	22.48	79.55	36.87	43.38	50.02	56.83	63.71
NON-ACADEMIC	1766	49.78	9.77	22.48	79.55	37.09	43.55	49.74	56.16	63.33
MALES	1661	51.56	9.77	22.48	79.55	38.65	45.34	51.24	58.30	65.03
FEMALES	1884	48.42	9.54	22.48	79.55	35.70	42.01	48.73	54.60	61.84
ELEM F.ED.	982	50.50	9.70	22.48	79.55	38.09	44.20	50.33	56.85	63.90
HS F.ED.	937	50.52	9.51	22.48	77.44	37.80	44.33	50.32	57.19	64.12
COLL F.ED.	1220	49.08	9.85	22.48	79.55	35.85	42.55	49.16	55.68	62.92
D.K.F.ED.	406	49.44	10.13	22.48	79.55	35.62	42.86	49.79	56.21	63.02
BLACK	571	51.14	9.65	22.48	79.55	38.65	44.87	50.59	57.34	64.55
WHITE	2974	49.66	9.78	22.48	79.55	36.63	43.21	49.74	56.31	63.31
NOT IN SAMPLE	4840	50.08	10.17	22.48	79.55	36.11	43.24	50.18	57.21	64.17

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	48.22	12.51	28.82	66.87	31.75	36.25	51.25	58.75	63.25
A	M	ELEM	W	151	52.70	9.05	30.94	79.55	41.06	46.53	51.49	58.81	65.13
A	M	HS	B	30	53.41	9.38	37.28	75.32	40.00	46.88	53.75	59.00	65.00
A	M	HS	W	219	53.67	9.61	28.82	75.32	40.59	48.01	53.20	61.51	66.85
A	M	COLL	B	20	50.17	9.91	28.82	66.87	34.17	45.00	50.36	57.50	64.17
A	M	COLL	W	395	50.21	9.75	22.48	75.32	37.67	43.73	50.13	56.86	63.82
A	M	D.K.	B	15	53.34	4.29	43.62	62.64	48.00	50.25	53.44	55.78	57.19
A	M	D.K.	W	37	53.61	8.57	37.28	75.32	40.88	48.19	53.25	58.44	65.37
A	F	ELEM	B	36	53.25	9.11	30.94	68.98	39.00	48.86	53.75	60.83	64.90
A	F	ELEM	W	126	50.06	9.61	22.48	68.98	38.26	43.82	50.14	56.32	64.33
A	F	HS	B	27	51.60	10.21	30.94	77.44	36.75	46.87	50.75	59.37	63.25
A	F	HS	W	180	47.78	9.51	22.48	72.42	34.90	41.39	48.62	54.02	60.74
A	F	COLL	B	13	57.44	8.39	47.84	71.09	48.80	50.75	55.00	64.37	69.25
A	F	COLL	W	445	47.34	9.37	22.48	73.21	34.60	40.58	47.75	53.09	60.59
A	F	D.K.	B	13	53.37	9.03	39.39	66.87	40.75	45.63	53.33	61.25	65.33
A	F	D.K.	W	55	45.35	9.15	28.82	68.98	34.38	37.88	44.75	50.67	60.62
N	M	ELEM	B	55	52.82	11.42	22.48	79.55	39.58	45.89	51.61	59.11	70.00
N	M	ELEM	W	219	51.47	9.99	22.48	75.32	38.79	45.18	51.06	58.10	65.34
N	M	HS	B	50	52.39	8.71	35.16	73.21	43.00	46.75	50.74	56.56	66.25
N	M	HS	W	164	50.74	9.72	24.60	75.32	37.23	44.69	50.98	57.00	64.00
N	M	COLL	B	21	53.28	9.61	39.39	75.32	41.00	45.31	51.88	61.25	65.67
N	M	COLL	W	136	51.83	9.17	26.71	75.32	40.75	46.46	51.53	58.50	64.71
N	M	D.K.	B	50	50.67	9.90	26.71	73.21	38.21	43.57	50.42	57.19	65.36
N	M	D.K.	W	82	49.75	11.00	22.48	79.55	34.50	42.69	50.00	57.31	63.17
N	F	ELEM	B	65	48.89	8.77	24.60	68.98	36.56	43.20	48.94	53.75	61.25
N	F	ELEM	W	293	48.67	9.27	22.48	75.32	36.43	42.53	49.13	54.81	61.60
N	F	HS	B	56	49.50	8.35	33.05	71.09	39.36	43.83	48.50	53.93	63.00
N	F	HS	W	211	48.71	8.56	28.82	68.98	37.86	43.03	48.62	54.51	61.97
N	F	COLL	B	20	53.02	10.25	39.39	71.09	40.83	45.00	50.50	62.50	67.50
N	F	COLL	W	170	47.04	10.49	22.48	79.55	34.17	39.40	47.32	53.64	60.83
N	F	D.K.	B	43	48.61	10.01	24.60	79.55	37.67	42.79	48.59	54.31	60.58
N	F	D.K.	W	91	48.64	10.63	22.48	71.09	33.67	43.12	50.00	56.33	62.00
TOTAL				3545	49.90	9.77	22.48	79.55	36.87	43.47	49.88	56.49	63.53

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 269

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1793	49.62	10.12	24.53	79.74	36.10	43.02	49.34	56.27	63.01
NON-ACADEMIC	1726	49.82	9.73	24.53	79.74	36.53	43.64	49.88	55.95	62.67
MALES	1646	50.80	10.35	24.53	79.74	36.70	44.01	51.14	57.07	64.31
FEMALES	1873	48.77	9.45	24.53	77.69	36.02	42.85	48.31	55.18	61.18
ELEM F.ED.	1054	50.45	9.81	24.53	79.74	37.32	44.12	50.62	56.57	63.05
HS F.ED.	962	50.34	9.83	24.53	79.74	37.74	43.89	49.93	56.36	63.86
COLL F.ED.	1236	48.70	9.86	24.53	77.69	35.22	42.20	48.39	55.49	61.56
D.K.F.ED.	267	49.32	10.68	24.53	79.74	34.79	42.66	49.19	56.18	63.33
BLACK	513	51.90	9.87	24.53	79.74	38.80	45.01	51.94	57.99	65.13
WHITE	3006	49.35	9.90	24.53	79.74	35.97	43.05	49.23	55.82	62.19
NOT IN SAMPLE	3364	50.29	10.07	24.53	79.74	36.85	43.77	50.19	56.61	63.53

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	51.00	8.74	38.84	67.47	40.50	43.75	47.50	58.75	64.50
A	M	ELEM	W	161	51.18	9.98	24.53	71.56	37.55	45.51	52.42	57.66	62.82
A	M	HS	B	30	52.81	10.73	30.66	71.56	40.00	45.42	53.33	61.67	65.83
A	M	HS	W	228	52.35	10.47	24.53	79.74	39.00	45.24	52.50	58.70	65.80
A	M	COLL	B	20	51.38	8.89	38.84	67.47	40.83	45.00	50.50	56.25	65.00
A	M	COLL	W	398	49.66	10.18	24.53	73.61	35.68	42.90	49.72	56.40	62.54
A	M	D.K.	B	6	49.07	8.77	34.75	61.34	35.50	43.75	47.50	55.00	59.50
A	M	D.K.	W	21	54.91	13.96	28.62	79.74	37.67	43.12	56.25	63.75	72.00
A	F	ELEM	B	37	53.21	11.38	24.53	75.65	40.33	44.86	53.75	61.46	66.80
A	F	ELEM	W	147	49.90	9.55	24.53	73.61	37.33	43.41	50.08	55.87	62.64
A	F	HS	B	27	53.31	9.95	34.75	71.56	41.00	46.25	52.08	62.75	66.80
A	F	HS	W	187	48.45	9.11	26.58	77.69	37.65	42.94	47.27	54.40	61.27
A	F	COLL	B	15	52.85	10.41	28.62	67.47	40.00	46.88	53.33	60.62	65.00
A	F	COLL	W	449	46.81	9.67	24.53	73.61	34.16	39.77	46.08	54.09	59.18
A	F	D.K.	B	11	53.90	9.25	40.89	67.47	40.89	46.25	55.00	60.62	64.75
A	F	D.K.	W	38	48.61	8.91	24.53	65.43	36.00	43.54	47.50	53.57	58.50
N	M	ELEM	B	55	53.67	11.76	24.53	75.65	36.88	45.89	55.00	62.64	67.22
N	M	ELEM	W	240	51.18	10.11	24.53	79.74	37.76	44.75	51.46	57.05	64.08
N	M	HS	B	50	52.34	10.62	32.71	79.74	36.67	45.00	51.87	61.25	66.00
N	M	HS	W	171	49.68	10.73	24.53	73.61	34.85	42.89	49.44	56.15	64.13
N	M	COLL	B	21	53.16	9.12	36.80	77.69	43.60	46.75	51.25	55.63	67.00
N	M	COLL	W	141	49.82	9.90	24.53	73.61	35.46	43.70	51.19	56.04	62.44
N	M	D.K.	B	23	52.00	8.22	36.80	65.43	42.88	47.19	51.43	56.75	64.62
N	M	D.K.	W	63	47.90	10.53	26.58	73.61	34.13	41.25	47.00	55.52	61.42
N	F	ELEM	B	87	50.21	9.88	24.53	73.61	36.06	43.97	50.56	56.47	62.11
N	F	ELEM	W	309	48.90	8.81	26.58	75.65	36.74	43.50	48.54	54.72	59.67
N	F	HS	B	56	50.02	8.00	32.71	69.52	38.50	44.64	50.50	55.62	59.50
N	F	HS	W	213	49.27	8.57	28.62	69.52	38.40	43.63	48.94	55.08	60.61
N	F	COLL	B	22	55.57	7.67	36.80	71.56	47.64	50.00	54.50	61.67	66.00
N	F	COLL	W	170	48.39	8.94	30.66	73.61	36.17	42.39	48.19	54.80	60.00
N	F	D.K.	B	35	49.59	9.36	30.66	67.47	37.92	42.29	49.58	55.78	61.67
N	F	D.K.	W	70	47.59	11.75	24.53	73.61	30.00	39.58	48.41	55.54	63.21
TOTAL				3519	49.72	9.93	24.53	79.74	36.30	43.32	49.62	56.10	62.85

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE I

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8378380.3430	3217			
MEAN	8063910.7809	1	8063910.7809	82493.1250	0.0000
ERROR	314469.5621	3216	97.7525		
CUR	87.1342	1	87.1342	0.9119	0.3398
SEX	5084.9113	1	5084.9113	53.2144	0.0000
F.ED	1633.6336	3	544.5445	5.6987	0.0008
RACE	320.7950	1	320.7950	3.3572	0.0670
ERROR	306827.4870	3210	95.5551		
CS	56.2625	1	56.2625	0.5896	0.4428
CF	14.8280	3	4.9427	0.0518	0.9846
CR	415.1769	1	415.1769	4.3505	0.0372
SF	219.6688	3	73.2229	0.7673	0.5121
SR	91.3001	1	91.3001	0.9567	0.3282
FR	536.1059	3	178.7020	1.8725	0.1320
ERROR	305288.5827	3198	95.4325		
CSF	354.0726	3	118.0242	1.2386	0.2940
CSR	591.3663	1	591.3663	6.2063	0.0129
CFR	49.4796	3	16.4932	0.1731	0.9147
SFR	376.3483	3	125.4494	1.3166	0.2672
ERROR	303862.4739	3188	95.2846		
CSFR	87.1272	3	29.0424	0.3046	0.8221
ERROR	303775.3466	3185	95.3470		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 271

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 9, 1965

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9163874.8569	3544			
MEAN	8825432.2590	1	8825432.2590	92415.4375	0.0000
ERROR	338442.5979	3543	95.4974		
CUR	251.0239	1	251.0239	2.7162	0.0998
SEX	8554.6928	1	8554.6928	92.5664	0.0000
F.ED	1555.8371	3	518.6124	5.6117	0.0008
RACE	1017.5451	1	1017.5451	11.0104	0.0011
ERROR	326970.5895	3537	92.4168		
CS	21.2763	1	21.2763	0.2308	0.6310
CF	401.4508	3	133.8169	1.4516	0.2259
CR	82.9098	1	82.9098	0.8993	0.3432
SF	209.8746	3	69.9582	0.7589	0.5168
SR	501.4539	1	501.4539	5.4394	0.0200
FR	521.2281	3	173.7427	1.8846	0.1299
ERROR	325056.9398	3525	92.1886		
CSF	1743.5869	3	581.1956	6.3467	0.0003
CSR	1135.6392	1	1135.6392	12.4013	0.0005
CFR	238.4911	3	79.4970	0.8681	0.4568
SFR	351.9619	3	117.3206	1.2812	0.2791
ERROR	321975.2457	3515	91.5743		
CSFR	84.6059	3	28.2020	0.3078	0.8198
ERROR	321890.6399	3512	91.6284		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 10 (GENERAL TV VIEWING), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9046053.6885	3518			
MEAN	8699008.4821	1	8699008.4821	88181.8750	0.0000
ERROR	347045.2063	3517	98.6485		
CUR	89.0777	1	89.0777	0.9238	0.3366
SEX	3683.7291	1	3683.7291	38.2021	0.0001
F.ED	1731.4791	3	577.1597	5.9854	0.0005
RACE	2512.0822	1	2512.0822	26.0516	0.0001
ERROR	338652.3267	3511	96.4273		
CS	157.7862	1	157.7862	1.6398	0.2007
CF	961.3241	3	320.4414	3.3301	0.0188
CR	0.4637	1	0.4637	0.0048	0.9447
SF	6.7521	3	2.2507	0.0234	0.9950
SR	118.6639	1	118.6639	1.2332	0.2671
FR	398.1408	3	132.7136	1.3792	0.2472
ERROR	336786.4004	3499	96.2247		
CSF	617.9466	3	205.9822	2.1446	0.0926
CSR	621.4709	1	621.4709	6.4704	0.0111
CFR	103.6017	3	34.5339	0.3595	0.7819
SFR	133.4330	3	44.4777	0.4631	0.7079
ERROR	335208.3463	3489	96.0483		
CSFR	258.4517	3	86.1506	0.8969	0.4418
ERROR	334949.8945	3486	96.0568		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 273

BEQ SCALE 10 (GENERAL TV VIEWING), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1576	49.81	7.85	25.22	72.66	71.45	66.13	57.26	48.39	43.07
NON-ACADEMIC	1438	49.95	7.44	23.87	75.27	69.92	62.24	49.45	36.66	28.98
MALES	1402	51.29	7.58	25.97	75.27	70.13	62.77	50.50	38.23	30.87
FEMALES	1612	48.64	7.51	23.87	72.52	69.89	62.22	49.43	36.65	28.98
ELEM F.ED.	863	50.05	7.45	25.22	72.66	70.02	62.55	50.11	37.66	30.20
HS F.ED.	820	50.68	7.35	25.95	75.27	70.15	62.78	50.50	38.22	30.86
COLL F.ED.	1115	48.90	7.77	25.24	71.20	70.02	62.56	50.12	37.68	30.22
D.K.F.ED.	216	49.58	8.42	23.87	67.83	67.83	62.22	49.43	36.65	28.98
BLACK	329	51.61	7.35	28.65	75.27	70.49	63.52	51.90	40.27	33.30
WHITE	2685	49.66	7.67	23.87	72.66	69.89	62.22	49.43	36.65	28.98
NOT IN SAMPLE	751	49.54	8.02	23.87	70.54	69.90	62.23	49.44	36.65	28.98

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	51.04	6.93	39.52	59.00	59.00	59.00	57.26	48.39	43.07
A	M	ELEM	W	140	51.87	7.52	31.53	72.66	70.65	64.13	53.27	42.40	35.88
A	M	HS	B	18	53.08	7.03	35.57	62.84	62.84	62.84	55.29	45.43	39.52
A	M	HS	W	201	52.79	7.29	33.36	70.49	70.49	64.59	54.18	43.77	37.53
A	M	COLL	B	17	51.72	6.09	38.95	60.30	60.30	60.30	56.97	47.96	42.55
A	M	COLL	W	367	50.06	7.69	25.97	71.20	70.10	62.74	50.48	38.23	30.87
A	M	D.K.	B	4	51.65	6.72	43.10	59.50	*	*	*	*	*
A	M	D.K.	W	17	54.94	9.73	35.63	67.83	67.83	65.16	55.31	45.47	39.56
A	F	ELEM	B	23	52.10	6.28	41.64	65.70	65.70	65.70	58.32	49.98	44.98
A	F	ELEM	W	117	49.74	7.62	25.22	72.52	70.02	62.55	50.11	37.66	30.20
A	F	HS	B	18	53.93	6.20	44.65	69.24	69.24	67.41	59.82	52.24	47.69
A	F	HS	W	169	48.30	7.47	25.95	70.45	70.09	62.74	50.47	38.21	30.85
A	F	COLL	B	8	57.31	4.32	50.56	63.68	63.68	63.68	62.78	56.67	53.00
A	F	COLL	W	423	47.32	7.92	25.24	69.84	69.84	62.56	50.12	37.68	30.22
A	F	D.K.	B	9	51.21	6.32	42.38	58.85	58.85	58.85	58.69	50.53	45.64
A	F	D.K.	W	34	47.92	6.91	37.44	62.96	62.96	62.96	56.22	46.83	41.20
N	M	ELEM	B	41	52.53	8.46	31.30	65.91	65.91	64.07	53.15	42.22	35.67
N	M	ELEM	W	194	51.61	7.36	27.97	72.58	70.30	63.24	51.49	39.73	32.68
N	M	HS	B	34	53.31	6.94	38.33	75.27	72.33	66.67	57.22	47.78	42.11
N	M	HS	W	151	51.23	7.25	34.78	67.87	67.87	65.19	55.39	45.58	39.70
N	M	COLL	B	16	52.68	7.31	40.98	67.89	67.89	66.49	57.99	49.48	44.38
N	M	COLL	W	122	50.28	7.22	27.98	71.15	70.30	63.25	51.49	39.74	32.68
N	M	D.K.	B	13	53.14	8.37	36.78	63.03	63.03	63.03	55.89	46.33	40.60
N	M	D.K.	W	56	49.13	8.46	28.05	67.18	67.18	63.26	51.52	39.79	32.74
N	F	ELEM	B	59	49.30	7.33	28.65	69.13	69.13	63.41	51.83	40.24	33.29
N	F	ELEM	W	278	49.01	7.10	28.57	70.48	70.36	63.39	51.79	40.18	33.22
N	F	HS	B	33	49.27	6.52	33.48	63.05	63.05	63.05	54.24	43.86	37.64
N	F	HS	W	196	49.41	6.82	30.02	67.78	67.78	63.75	52.51	41.27	34.52
N	F	COLL	B	7	56.94	7.29	47.95	68.45	68.45	68.24	61.47	54.71	50.65
N	F	COLL	W	155	47.85	7.07	26.59	67.11	67.11	62.90	50.80	38.69	31.43
N	F	D.K.	B	18	47.46	8.42	34.13	65.21	65.21	64.78	54.57	44.35	38.22
N	F	D.K.	W	65	48.94	8.68	23.87	64.98	64.98	62.22	49.43	36.65	28.98
TOTAL				3014	49.88	7.65	23.87	75.27	69.90	62.23	49.44	36.65	28.98

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 274

BEQ SCALE 10 (GENERAL TV VIEWING), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1576	-0.23	7.97	-25.69	30.41	-9.80	-5.30	0.15	4.97	10.14
NON-ACADEMIC	1438	-0.60	8.33	-29.94	28.91	-11.11	-5.70	0.11	4.85	9.89
MALES	1402	-0.59	8.35	-29.94	27.44	-10.85	-5.72	-0.02	4.90	10.12
FEMALES	1612	-0.25	7.96	-24.26	30.41	-9.86	-5.27	0.25	4.93	9.93
ELEM F.ED.	863	-0.18	8.31	-25.69	27.44	-10.08	-5.58	0.38	5.37	10.04
HS F.ED.	820	-0.63	7.94	-29.94	23.18	-10.33	-5.47	0.06	4.38	9.62
COLL F.ED.	1115	-0.37	8.03	-24.24	30.41	-9.96	-5.37	0.03	4.98	10.13
D.K.F.ED.	216	-0.67	8.82	-25.66	28.91	-11.64	-5.74	-0.00	4.14	10.68
BLACK	329	0.56	8.15	-24.26	24.60	-9.53	-5.09	0.79	6.50	10.91
WHITE	2685	-0.53	8.14	-29.94	30.41	-10.40	-5.53	0.06	4.71	9.86
NOT IN SAMPLE	751	0.21	8.03	-24.22	33.22	-9.59	-5.31	0.51	5.29	10.34

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	0.38	11.28	-21.25	13.17	-15.00	-8.50	4.33	10.25	11.90
A	M	ELEM	W	140	0.31	7.87	-25.69	23.20	-9.08	-5.20	0.30	5.45	10.00
A	M	HS	B	18	-0.54	7.81	-18.38	11.79	-10.40	-5.00	-0.00	5.00	10.20
A	M	HS	W	201	-0.59	8.03	-21.29	23.18	-10.64	-5.46	0.19	4.59	9.63
A	M	COLL	B	17	-1.81	7.73	-14.14	17.51	-10.60	-8.50	-1.50	1.38	7.30
A	M	COLL	W	367	-0.23	8.11	-22.83	23.20	-9.95	-5.34	-0.10	5.28	10.41
A	M	D.K.	B	4	-0.11	6.84	-9.79	5.90	*	*	*	*	*
A	M	D.K.	W	17	1.30	7.74	-8.44	16.21	-6.60	-5.10	-0.50	6.75	15.18
A	F	ELEM	B	23	-0.06	9.96	-24.26	14.68	-11.40	-7.25	0.33	7.50	13.40
A	F	ELEM	W	117	0.59	8.00	-19.96	21.77	-9.58	-4.94	1.00	5.30	10.52
A	F	HS	B	18	0.51	7.99	-16.96	14.68	-8.40	-4.33	-0.00	5.00	14.20
A	F	HS	W	169	-0.35	7.55	-21.33	21.81	-9.37	-5.09	0.04	4.46	9.17
A	F	COLL	B	8	-0.29	7.55	-6.93	11.81	-6.93	-6.00	-3.00	2.00	11.20
A	F	COLL	W	423	-0.47	7.88	-24.16	30.41	-9.85	-5.36	0.16	4.66	9.78
A	F	D.K.	B	9	3.58	6.94	-4.14	16.04	-4.14	-1.75	1.00	7.75	15.10
A	F	D.K.	W	34	-1.28	8.35	-14.14	28.91	-10.60	-5.75	-2.00	1.36	9.20
N	M	ELEM	B	41	-0.02	7.97	-18.55	11.75	-13.80	-5.75	1.57	5.92	9.16
N	M	ELEM	W	194	-0.95	9.04	-23.66	27.44	-13.73	-7.25	0.06	4.82	10.29
N	M	HS	B	34	-0.45	7.15	-11.23	14.62	-9.73	-5.40	-0.00	3.67	10.60
N	M	HS	W	151	-1.85	8.88	-29.94	21.65	-13.63	-7.85	-0.45	2.06	9.30
N	M	COLL	B	16	-0.82	7.42	-15.51	11.90	-8.80	-6.00	-4.00	6.00	8.80
N	M	COLL	W	122	-0.30	8.75	-24.24	23.26	-11.90	-5.64	-0.55	6.12	10.93
N	M	D.K.	B	13	-3.27	9.84	-14.00	24.60	-14.00	-9.50	-3.50	-0.25	1.70
N	M	D.K.	W	56	-1.39	8.52	-25.66	15.95	-11.60	-5.60	-0.86	4.00	10.20
N	F	ELEM	B	59	1.62	8.12	-24.26	17.49	-8.10	-4.50	3.00	7.50	11.10
N	F	ELEM	W	278	-0.64	7.93	-22.74	23.12	-10.34	-5.67	-0.00	4.34	9.26
N	F	HS	B	33	2.05	8.45	-16.89	17.43	-9.13	-4.50	2.33	8.37	13.40
N	F	HS	W	196	-0.59	7.42	-24.22	16.00	-9.67	-5.28	-0.25	4.71	8.97
N	F	COLL	B	7	3.36	3.65	0.22	10.34	0.47	1.17	3.00	5.25	10.34
N	F	COLL	W	155	-0.43	8.01	-22.70	28.91	-9.92	-5.14	0.12	4.62	9.50
N	F	D.K.	B	18	3.88	7.94	-6.99	23.12	-6.20	-1.50	4.50	9.00	12.40
N	F	D.K.	W	65	-1.60	9.64	-22.78	18.88	-15.56	-8.50	0.47	3.58	10.50
TOTAL				3014	-0.41	8.14	-29.94	30.41	-10.25	-5.48	0.13	4.92	10.02

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 275

BEQ SCALE 10 (GENERAL TV VIEWING), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7674186.5691	3013			
MEAN	7497626.2260	1	7497626.2260	127946.8125	0.0000
ERROR	176560.3431	3012	58.5995		
CUR	49.1026	1	49.1026	0.8757	0.3496
SEX	5140.5216	1	5140.5216	91.6719	0.0000
F.ED	1565.6797	3	521.8932	9.3070	0.0001
RACE	780.8183	1	780.8183	13.9245	0.0003
ERROR	168618.1974	3006	56.0752		
CS	75.9184	1	75.9184	1.3565	0.2446
CF	168.9490	3	56.3163	1.0062	0.3889
CR	57.1587	1	57.1587	1.0213	0.3124
SF	107.2920	3	35.7640	0.6390	0.5896
SR	82.5680	1	82.5680	1.4753	0.2248
FR	434.2640	3	144.7547	2.5864	0.0515
ERROR	167624.7991	2994	55.9682		
CSF	394.2875	3	131.4292	2.3598	0.0697
CSR	470.9435	1	470.9435	8.4557	0.0038
CFR	53.8408	3	17.9469	0.3222	0.8093
SFR	351.7665	3	117.2555	2.1053	0.0975
ERROR	166250.3516	2984	55.6953		
CSFR	141.5461	3	47.1820	0.8470	0.4680
ERROR	166108.8055	2981	55.7038		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 10 (GENERAL TV VIEWING), 1ST ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	200338.9129	3013			
MEAN	500.1727	1	500.1727	7.5412	0.0062
ERROR	199838.7401	3012	66.3255		
CUR	172.8724	1	172.8724	2.6107	0.1064
SEX	97.4655	1	97.4655	1.4719	0.2253
F.ED	117.4827	3	39.1609	0.5914	0.6205
RACE	406.7974	1	406.7974	6.1435	0.0134
ERROR	199112.0751	3006	66.2162		
CS	62.9220	1	62.9220	0.9506	0.3297
CF	165.1102	3	55.0367	0.8315	0.4763
CR	163.6629	1	163.6629	2.4726	0.1160
SF	60.4214	3	20.1405	0.3043	0.8223
SR	265.7068	1	265.7068	4.0143	0.0452
FR	75.8785	3	25.2928	0.3821	0.7658
ERROR	198239.3084	2994	66.1901		
CSF	54.0615	3	18.0205	0.2719	0.8457
CSR	29.4263	1	29.4263	0.4440	0.5055
CFR	23.8621	3	7.9540	0.1200	0.9483
SFR	281.1178	3	93.7059	1.4139	0.2368
ERROR	197835.7076	2984	66.2766		
CSFR	10.3377	3	3.4459	0.0519	0.9845
ERROR	197825.3699	2981	66.3398		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 277

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 7, 1963

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1672	52.22	9.53	24.57	69.31	39.26	52.56	54.52	56.47	68.30
NON-ACADEMIC	1546	48.73	9.70	24.57	69.31	38.21	40.68	53.66	55.73	56.98
MALES	1507	49.09	10.34	24.57	69.31	38.18	40.62	53.68	55.89	57.21
FEMALES	1711	51.83	9.05	24.57	69.31	39.28	52.58	54.44	56.31	57.43
ELEM F.ED.	928	48.49	9.47	24.57	69.31	38.20	40.64	53.61	55.66	56.88
HS F.ED.	844	50.30	9.61	24.57	69.31	38.65	41.44	54.05	56.06	57.26
COLL F.ED.	1129	52.59	9.53	24.57	69.31	39.38	52.62	54.59	56.57	68.71
D.K.F.ED.	317	49.93	10.50	24.57	69.31	38.23	41.20	54.02	56.09	57.33
BLACK	368	50.23	10.09	24.57	69.31	38.48	41.35	54.06	56.10	57.33
WHITE	2850	50.59	9.73	24.57	69.31	38.70	41.58	54.13	56.13	57.34
NOT IN SAMPLE	3703	49.53	10.17	24.57	69.31	38.30	40.92	53.85	55.96	57.23

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	12	48.19	13.43	24.57	69.31	25.50	40.00	53.93	56.07	57.36
A	M	ELEM	W	149	48.20	9.82	24.57	69.31	37.95	40.55	53.61	55.64	56.85
A	M	HS	B	18	54.40	8.86	39.49	69.31	40.50	53.13	55.00	56.88	69.31
A	M	HS	W	210	49.64	10.70	24.57	69.31	38.23	40.77	53.82	56.07	57.41
A	M	COLL	B	17	51.77	9.48	24.57	69.31	39.25	52.98	54.62	56.25	57.23
A	M	COLL	W	370	51.94	9.72	24.57	69.31	39.12	41.76	54.32	56.50	68.80
A	M	D.K.	B	9	54.40	10.54	39.49	69.31	39.75	52.75	55.00	57.25	69.31
A	M	D.K.	W	34	52.65	9.55	24.57	69.31	39.50	52.83	54.67	56.52	68.25
A	F	ELEM	B	24	49.43	8.42	24.57	54.40	38.67	41.67	53.97	54.40	54.40
A	F	ELEM	W	138	51.05	8.06	24.57	69.31	39.29	42.42	54.25	56.03	57.10
A	F	HS	B	18	56.06	10.09	39.49	69.31	40.50	53.25	55.50	68.00	69.31
A	F	HS	W	176	52.87	9.60	24.57	69.31	39.86	52.87	54.67	56.48	67.87
A	F	COLL	B	9	56.06	4.97	54.40	69.31	54.40	54.40	55.31	56.72	68.00
A	F	COLL	W	427	55.06	8.67	24.57	69.31	41.07	53.33	55.18	57.04	69.31
A	F	D.K.	B	10	55.89	11.00	39.49	69.31	40.00	53.00	55.50	68.33	69.31
A	F	D.K.	W	51	52.06	7.53	24.57	69.31	40.06	52.97	54.56	56.16	57.11
N	M	ELEM	B	41	49.67	9.09	24.57	69.31	38.55	41.63	54.02	55.85	56.95
N	M	ELEM	W	212	46.17	10.19	24.57	69.31	37.63	39.55	52.69	55.19	56.69
N	M	HS	B	34	47.38	9.87	24.57	69.31	38.04	40.00	53.06	55.42	56.83
N	M	HS	W	158	47.79	9.74	24.57	69.31	38.10	40.18	53.25	55.52	56.88
N	M	COLL	B	16	51.60	12.44	24.57	69.31	26.50	52.95	54.77	56.59	68.50
N	M	COLL	W	126	47.65	9.73	24.57	69.31	37.94	40.24	53.38	55.51	56.78
N	M	D.K.	B	28	45.88	13.11	24.57	69.31	26.00	38.86	42.05	55.50	67.83
N	M	D.K.	W	73	45.62	11.07	24.57	69.31	26.15	39.22	52.83	55.23	56.67
N	F	ELEM	B	61	49.51	8.91	24.57	69.31	38.71	40.89	53.68	55.80	57.07
N	F	ELEM	W	291	48.66	9.14	24.57	69.31	38.31	40.82	53.68	55.66	56.85
N	F	HS	B	33	49.88	7.89	24.57	54.40	38.94	42.03	54.06	54.40	54.40
N	F	HS	W	197	50.39	8.57	24.57	69.31	38.93	42.01	54.14	55.95	57.03
N	F	COLL	B	7	54.40	8.61	39.49	69.31	41.00	53.25	55.00	56.75	69.00
N	F	COLL	W	157	51.27	9.10	24.57	69.31	39.08	42.26	54.30	56.19	57.32
N	F	D.K.	B	31	48.15	10.74	24.57	69.31	38.00	40.11	53.28	55.70	57.16
N	F	D.K.	W	81	52.19	9.16	24.57	69.31	39.41	52.70	54.55	56.39	57.49
TOTAL				3218	50.54	9.77	24.57	69.31	38.67	41.56	54.12	56.13	57.34

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 278

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 9, 1965

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1770	53.51	9.59	28.17	71.83	36.97	45.58	54.78	63.62	66.65
NON-ACADEMIC	1749	49.02	9.39	28.17	71.83	34.39	43.11	46.97	55.92	64.37
MALES	1646	49.22	10.12	28.17	71.83	34.08	42.83	47.05	56.27	65.14
FEMALES	1873	53.09	9.04	28.17	71.83	42.53	45.46	54.45	63.01	66.25
ELEM F.ED.	978	49.33	9.52	28.17	71.83	34.38	43.19	47.33	56.13	64.59
HS F.ED.	932	50.59	9.43	28.17	71.83	35.19	43.88	53.01	56.64	65.33
COLL F.ED.	1215	53.61	9.63	28.17	71.83	37.09	45.55	54.83	63.79	66.70
D.K.F.ED.	394	50.59	10.01	28.17	71.83	34.78	43.71	52.98	56.96	65.71
BLACK	557	50.38	9.81	28.17	71.83	34.85	43.57	52.79	56.68	65.55
WHITE	2962	51.45	9.73	28.17	71.83	35.41	44.25	53.58	57.27	65.90
NOT IN SAMPLE	4751	49.05	10.08	28.17	71.83	33.90	42.91	47.02	56.23	64.95

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	17	48.71	10.21	28.17	63.09	33.67	42.75	47.00	56.25	63.09
A	M	ELEM	W	150	49.41	9.29	28.17	71.83	34.81	43.30	46.84	56.22	64.90
A	M	HS	B	30	49.70	11.86	28.17	71.83	33.33	37.08	47.50	57.19	66.50
A	M	HS	W	219	51.13	9.29	28.17	71.83	35.39	44.26	53.59	56.81	65.35
A	M	COLL	B	19	51.14	10.97	36.90	71.83	36.90	37.25	53.75	62.81	66.37
A	M	COLL	W	393	52.94	9.88	28.17	71.83	36.35	45.09	54.40	63.24	66.67
A	M	D.K.	B	15	49.12	9.79	36.90	63.09	36.90	37.19	46.88	56.56	63.09
A	M	D.K.	W	36	54.36	10.64	36.90	71.83	36.90	45.50	55.68	64.77	67.23
A	F	ELEM	B	35	53.86	9.69	36.90	71.83	36.90	45.89	54.82	63.39	67.14
A	F	ELEM	W	126	55.12	8.48	36.90	71.83	43.55	52.64	55.50	63.94	66.80
A	F	HS	B	25	54.01	9.59	36.90	71.83	43.33	45.42	54.06	63.44	68.33
A	F	HS	W	180	53.88	9.12	28.17	71.83	42.98	46.19	54.89	63.43	66.57
A	F	COLL	B	13	59.06	8.45	45.63	71.83	45.75	54.06	63.00	66.25	69.25
A	F	COLL	W	445	56.13	8.75	28.17	71.83	43.90	52.85	56.30	64.89	67.09
A	F	D.K.	B	13	55.03	11.53	36.90	71.83	36.90	45.63	55.63	65.42	69.25
A	F	D.K.	W	54	55.01	9.27	28.17	71.83	43.42	46.54	55.74	64.58	66.83
N	M	ELEM	B	54	45.47	8.73	28.17	63.09	33.30	36.00	44.87	53.75	56.64
N	M	ELEM	W	218	44.75	9.48	28.17	71.83	32.57	35.29	44.42	53.47	56.81
N	M	HS	B	49	47.59	10.43	28.17	71.83	33.36	36.70	45.78	55.57	64.71
N	M	HS	W	163	45.95	8.88	28.17	71.83	33.57	36.12	44.96	53.96	56.87
N	M	COLL	B	21	52.70	8.10	36.90	63.09	43.19	45.16	53.75	63.09	63.09
N	M	COLL	W	136	48.84	10.46	28.17	71.83	33.81	37.33	46.73	56.18	65.24
N	M	D.K.	B	46	47.53	9.55	28.17	71.83	34.13	42.86	45.60	54.25	63.17
N	M	D.K.	W	80	45.63	9.92	28.17	71.83	32.50	35.83	45.00	54.08	57.24
N	F	ELEM	B	85	49.64	9.39	28.17	71.83	34.41	43.06	53.03	56.25	64.37
N	F	ELEM	W	293	50.31	8.35	28.17	71.83	35.92	44.18	52.92	56.19	64.25
N	F	HS	B	56	51.87	8.11	36.90	71.83	42.67	45.00	53.64	56.82	65.20
N	F	HS	W	210	50.87	8.42	28.17	71.83	36.50	44.34	52.97	56.52	64.93
N	F	COLL	B	19	54.82	10.28	36.90	71.83	43.25	45.63	54.58	64.58	69.33
N	F	COLL	W	169	52.19	8.56	36.90	71.83	37.47	44.88	53.77	57.48	65.72
N	F	D.K.	B	80	51.16	8.19	36.90	63.09	36.90	44.56	53.54	56.67	63.09
N	F	D.K.	W	90	51.64	9.31	28.17	71.83	36.00	44.69	53.79	57.00	65.62
TOTAL				3519	51.28	9.75	28.17	71.83	35.31	44.14	53.46	57.18	65.85

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 279

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1788	53.12	9.75	29.03	70.57	36.56	45.15	54.71	59.10	62.00
NON-ACADEMIC	1718	47.81	9.30	29.03	70.57	33.69	37.48	46.14	55.45	59.14
MALES	1637	47.60	10.04	29.03	70.57	33.25	36.67	45.91	55.59	59.76
FEMALES	1869	53.07	9.02	29.03	70.57	42.63	45.32	54.52	58.70	61.68
ELEM F.ED.	1052	48.38	9.30	29.03	70.57	33.94	42.66	46.55	55.85	59.52
HS F.ED.	959	49.76	9.63	29.03	70.57	34.48	43.38	47.28	56.75	60.60
COLL F.ED.	1234	53.26	9.87	29.03	70.57	36.65	45.17	54.76	59.24	62.18
D.K.F.ED.	261	48.96	10.36	29.03	70.57	33.35	42.77	46.90	56.66	60.60
BLACK	511	49.86	9.35	29.03	70.57	34.66	43.39	47.48	56.74	60.43
WHITE	2995	50.63	9.98	29.03	70.57	34.65	43.68	52.96	57.40	61.20
NOT IN SAMPLE	3340	49.45	10.08	29.03	70.57	33.90	42.97	47.31	56.68	60.69

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	18	48.42	8.06	37.34	62.26	37.34	42.92	46.57	55.42	58.00
A	M	ELEM	W	161	48.17	9.10	29.03	70.57	33.90	42.80	46.53	55.60	58.97
A	M	HS	B	30	50.63	8.33	37.34	62.26	37.34	44.09	47.50	57.19	60.36
A	M	HS	W	227	48.61	9.89	29.03	70.57	33.83	42.62	46.35	56.35	60.36
A	M	COLL	B	20	50.22	10.60	29.03	70.57	34.17	43.33	47.50	57.50	61.25
A	M	COLL	W	398	52.39	10.20	29.03	70.57	35.66	44.57	54.11	58.66	62.21
A	M	D.K.	B	6	44.26	6.25	37.34	53.95	37.34	37.34	44.17	46.67	53.95
A	M	D.K.	W	20	47.72	10.39	29.03	62.26	32.50	36.25	47.50	56.07	59.17
A	F	ELEM	B	37	53.73	8.86	37.34	70.57	42.82	45.34	55.31	59.55	61.54
A	F	ELEM	W	146	55.89	7.87	37.34	70.57	44.31	52.65	56.30	59.95	62.14
A	F	HS	B	27	53.34	7.61	29.03	62.26	43.92	47.29	55.00	57.68	60.57
A	F	HS	W	187	54.31	9.27	29.03	70.57	42.90	45.95	55.45	59.67	62.17
A	F	COLL	B	15	59.49	8.11	45.65	70.57	46.25	54.69	58.75	61.88	70.00
A	F	COLL	W	447	56.74	8.54	29.03	70.57	44.32	53.15	57.00	60.62	68.28
A	F	D.K.	B	11	55.46	10.39	37.34	70.57	37.34	53.44	56.88	60.31	62.38
A	F	D.K.	W	38	55.70	9.09	37.34	70.57	43.63	47.19	55.96	60.25	68.70
N	M	ELEM	B	55	44.14	8.17	29.03	62.26	32.94	35.37	43.98	47.10	56.11
N	M	ELEM	W	240	42.81	8.80	29.03	70.57	31.79	34.28	42.64	46.81	56.01
N	M	HS	B	50	46.81	9.19	29.03	62.26	33.44	35.78	46.00	55.29	57.50
N	M	HS	W	169	44.61	8.89	29.03	70.57	32.47	35.24	44.39	53.34	56.51
N	M	COLL	B	21	50.39	8.54	37.34	70.57	37.34	44.11	52.81	56.09	59.75
N	M	COLL	W	140	45.65	9.40	29.03	70.57	32.65	35.83	44.90	53.95	57.34
N	M	D.K.	B	23	47.09	9.59	29.03	70.57	33.00	42.88	45.75	54.37	57.25
N	M	D.K.	W	59	43.25	10.24	29.03	70.57	30.45	33.90	43.16	47.04	57.60
N	F	ELEM	B	86	48.06	8.24	29.03	62.26	34.24	42.60	46.90	55.39	57.41
N	F	ELEM	W	309	49.46	7.82	29.03	70.57	35.78	43.89	47.22	55.81	58.79
N	F	HS	B	56	51.28	8.97	37.34	70.57	37.34	44.25	52.81	57.19	61.20
N	F	HS	W	213	50.79	8.58	29.03	70.57	37.05	44.37	52.69	56.72	60.51
N	F	COLL	B	22	56.22	8.57	45.65	70.57	45.65	46.43	57.50	60.56	62.39
N	F	COLL	W	171	52.20	8.65	37.34	70.57	42.51	44.76	53.70	58.23	61.21
N	F	D.K.	B	34	51.02	9.78	29.03	62.26	34.83	44.25	53.61	58.25	60.80
N	F	D.K.	W	70	49.44	9.13	29.03	70.57	34.72	43.60	47.10	56.38	60.00
TOTAL				3506	50.52	9.89	29.03	70.57	34.65	43.63	52.99	57.30	61.10

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 7, 1963

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8528282.4019	3217			
MEAN	8221227.5411	1	8221227.5411	86133.3750	0.0000
ERROR	307054.8607	3216	95.4476		
CUR	6035.9093	1	6035.9093	67.7985	0.0000
SEX	6797.3968	1	6797.3968	76.3520	0.0000
F.ED	4544.6933	3	1514.8978	17.0161	0.0000
RACE	245.4854	1	245.4854	2.7574	0.0970
ERROR	285865.9839	3210	89.0271		
CS	33.0945	1	33.0945	0.3718	0.5421
CF	537.1894	3	179.0631	2.0118	0.1101
CR	33.2680	1	33.2680	0.3738	0.5411
SF	184.6586	3	61.5529	0.6916	0.5569
SR	188.1183	1	188.1183	2.1135	0.1462
FR	160.9516	3	53.6505	0.6028	0.6131
ERROR	284733.0916	3198	89.0069		
CSF	592.1797	3	197.3932	2.2238	0.0834
CSR	27.5085	1	27.5085	0.3099	0.5778
CFR	981.3359	3	327.1120	3.6852	0.0116
SFR	66.9315	3	22.3105	0.2513	0.8601
ERROR	283069.7854	3188	88.7645		
CSFR	114.5750	3	38.1917	0.4300	0.7314
ERROR	282955.2104	3185	88.8121		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 281

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 9, 1965

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9587698.4697	3518			
MEAN	9253392.8467	1	9253392.8467	97376.1875	0.0000
ERROR	334305.6230	3517	95.0272		
CUR	12672.3771	1	12672.3771	149.6786	0.0000
SEX	14768.5507	1	14768.5507	174.4374	0.0000
F.ED	4303.4441	3	1434.4814	16.9432	0.0000
RACE	47.5847	1	47.5847	0.5620	0.4535
ERROR	297339.5575	3511	84.6639		
CS	93.7440	1	93.7440	1.1088	0.2927
CF	207.9125	3	69.3042	0.8197	0.4827
CR	366.2498	1	366.2498	4.3321	0.0376
SF	444.9283	3	148.3094	1.7542	0.1538
SR	1.7486	1	1.7486	0.0207	0.8857
FR	324.0773	3	108.0258	1.2777	0.2803
ERROR	295904.2073	3499	84.5441		
CSF	381.2165	3	127.0722	1.5025	0.2119
CSR	261.1672	1	261.1672	3.0880	0.0793
CFR	47.7256	3	15.9085	0.1881	0.9045
SFR	48.3747	3	16.1249	0.1907	0.9029
ERROR	295164.7775	3489	84.5745		
CSFR	155.8007	3	51.9336	0.6139	0.6060
ERROR	295008.9768	3486	84.6025		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 282

BEQ SCALE 11 (ACADEMIC EFFORT), GRADE 11, 1967

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	9290611.1743	3505			
MEAN	8947526.8169	1	8947526.8169	91409.1875	0.0000
ERROR	343084.3574	3504	97.8843		
CUR	17830.5849	1	17830.5849	220.2353	0.0000
SEX	28622.7826	1	28622.7826	353.5356	0.0000
F.ED	6122.4058	3	2040.8019	25.2071	0.0000
RACE	239.7369	1	239.7369	2.9611	0.0856
ERROR	283284.2460	3498	80.9615		
CS	12.7319	1	12.7319	0.1578	0.6913
CF	567.9034	3	189.3011	2.3456	0.0710
CR	291.1094	1	291.1094	3.6071	0.0579
SF	331.0554	3	110.3518	1.3674	0.2509
SR	208.5130	1	208.5130	2.5837	0.1084
FR	492.5846	3	164.1949	2.0345	0.1069
ERROR	281417.2355	3486	80.7047		
CSF	365.8305	3	121.9435	1.5121	0.2093
CSR	40.5864	1	40.5864	0.5033	0.4782
CFR	198.3296	3	66.1099	0.8198	0.4827
SFR	247.6411	3	82.5470	1.0236	0.3810
ERROR	280403.0960	3476	80.6451		
CSFR	182.2726	3	60.7575	0.7532	0.5201
ERROR	280220.8234	3473	80.6623		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

TABLE 283

BEQ SCALE 11 (ACADEMIC EFFORT), 0 ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1565	53.01	7.13	30.17	70.57	70.57	65.21	55.42	45.64	39.76
NON-ACADEMIC	1427	48.52	6.87	27.26	70.57	70.23	63.06	51.13	39.19	32.03
MALES	1388	48.76	7.59	27.26	70.57	70.23	63.06	51.13	39.19	32.03
FEMALES	1604	52.70	6.63	32.94	70.57	70.57	64.48	53.97	43.45	37.14
ELEM F.ED.	859	48.79	6.88	27.26	67.80	67.80	63.06	51.13	39.19	32.03
HS F.ED.	815	50.23	7.14	27.26	70.57	70.23	63.06	51.13	39.19	32.03
COLL F.ED.	1109	53.21	7.13	30.03	70.57	70.50	63.76	52.51	41.27	34.52
D.K.F.ED.	209	49.49	7.87	30.03	70.57	70.50	63.76	52.51	41.27	34.52
BLACK	325	50.04	7.03	30.17	70.57	70.52	63.79	52.58	41.38	34.65
WHITE	2667	50.97	7.39	27.26	70.57	70.23	63.06	51.13	39.19	32.03
NOT IN SAMPLE	741	50.24	7.51	27.26	70.57	70.23	63.06	51.13	39.19	32.03

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	49.53	7.46	35.85	59.92	59.92	59.92	55.42	45.63	39.76
A	M	ELEM	W	139	48.76	6.64	32.94	62.69	62.69	62.69	53.97	43.45	37.14
A	M	HS	B	18	50.90	6.95	40.54	67.80	67.80	66.38	57.77	49.15	43.98
A	M	HS	W	200	49.89	7.65	30.17	70.57	70.52	63.79	52.58	41.38	34.65
A	M	COLL	B	16	52.36	6.96	38.76	62.69	62.69	62.69	56.88	47.82	42.38
A	M	COLL	W	365	52.31	7.44	35.14	70.57	70.57	65.03	55.07	45.11	39.13
A	M	D.K.	B	4	51.47	5.75	45.79	59.35	*	*	*	*	*
A	M	D.K.	W	17	50.92	6.20	38.62	64.89	64.89	64.89	56.81	47.71	42.25
A	F	ELEM	B	22	52.52	7.84	35.71	65.60	65.60	65.18	55.35	45.53	39.64
A	F	ELEM	W	116	54.01	5.54	40.68	67.80	67.80	66.42	57.84	49.26	44.11
A	F	HS	B	17	53.54	5.60	43.02	62.83	62.83	62.83	59.01	51.01	46.22
A	F	HS	W	169	53.65	6.49	32.94	67.80	67.80	64.48	53.97	43.45	37.14
A	F	COLL	B	8	58.72	6.27	51.33	70.57	70.57	69.08	63.16	57.24	53.69
A	F	COLL	W	421	56.01	5.99	37.91	70.57	70.57	65.73	56.46	47.18	41.62
A	F	D.K.	B	9	55.97	9.51	42.88	70.57	70.57	66.97	58.94	50.91	46.09
A	F	D.K.	W	33	54.23	5.87	40.82	64.89	64.89	64.89	57.91	49.37	44.24
N	M	ELEM	B	41	46.58	6.61	30.17	61.98	61.98	61.98	52.58	41.38	34.65
N	M	ELEM	W	193	44.50	6.61	27.26	62.12	62.12	62.12	51.13	39.19	32.03
N	M	HS	B	34	47.06	7.21	35.00	59.92	59.92	59.92	55.00	45.00	39.00
N	M	HS	W	149	46.34	6.58	27.26	62.12	62.12	62.12	51.13	39.19	32.03
N	M	COLL	B	16	51.37	6.05	38.47	64.89	64.89	64.89	56.74	47.60	42.13
N	M	COLL	W	121	47.47	6.62	30.03	62.69	62.69	62.69	52.51	41.27	34.52
N	M	D.K.	B	12	45.97	7.01	35.14	61.84	61.84	61.84	55.07	45.10	39.13
N	M	D.K.	W	52	44.92	8.20	30.03	62.69	62.69	62.69	52.51	41.27	34.52
N	F	ELEM	B	59	49.18	5.44	37.91	59.92	59.92	59.92	56.46	47.18	41.62
N	F	ELEM	W	278	49.53	5.97	32.94	67.80	67.80	64.48	53.97	43.45	37.14
N	F	HS	B	33	50.94	5.47	40.68	59.92	59.92	59.92	57.84	49.26	44.11
N	F	HS	W	195	50.67	6.23	35.71	70.57	70.57	65.18	55.35	45.53	39.64
N	F	COLL	B	7	57.07	5.84	51.33	65.60	65.60	65.60	63.16	57.24	53.69
N	F	COLL	W	155	52.03	6.20	32.94	64.89	64.89	64.48	53.97	43.45	37.14
N	F	D.K.	B	18	47.36	6.21	37.91	57.01	57.01	57.01	56.46	47.18	41.62
N	F	D.K.	W	64	50.59	7.09	32.94	70.57	70.57	64.48	53.97	43.45	37.14
TOTAL				2992	50.87	7.36	27.26	70.57	70.23	63.06	51.13	39.19	32.03

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 284

BEQ SCALE 11 (ACADEMIC EFFORT), 1ST ORDER TREND

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1565	0.59	8.36	-28.48	32.53	-11.28	-6.32	-0.51	5.34	11.23
NON-ACADEMIC	1427	-0.74	8.58	-28.48	26.65	-12.89	-7.16	-1.06	5.06	11.01
MALES	1388	-0.99	8.81	-28.48	32.53	-13.07	-7.26	-1.13	5.01	10.93
FEMALES	1604	0.77	8.12	-28.48	26.65	-10.59	-6.34	-0.49	5.36	11.28
ELEM F.ED.	859	-0.11	8.55	-28.48	26.65	-12.71	-6.89	-0.83	5.23	11.20
HS F.ED.	815	-0.52	8.29	-28.48	32.53	-12.44	-6.92	-0.96	4.99	10.78
COLL F.ED.	1109	0.48	8.52	-28.48	21.98	-11.69	-6.49	-0.50	5.37	11.27
D.K.F.ED.	209	-0.72	8.77	-28.48	21.98	-12.91	-7.19	-1.13	5.24	11.17
BLACK	325	-0.66	8.72	-22.61	21.98	-12.97	-7.16	-1.03	5.12	11.18
WHITE	2667	0.03	8.46	-28.48	32.53	-12.32	-6.75	-0.75	5.23	11.13
NOT IN SAMPLE	741	-0.54	8.85	-28.48	26.65	-12.69	-7.06	-1.01	5.09	11.03

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	11	-1.18	6.89	-10.86	10.22	-7.95	-7.13	-1.67	4.50	9.80
A	M	ELEM	W	139	0.41	8.33	-17.94	26.65	-12.20	-6.66	-0.74	5.31	11.52
A	M	HS	B	18	-2.60	9.58	-22.61	16.10	-13.47	-7.75	-5.00	4.50	11.20
A	M	HS	W	200	-0.77	8.46	-22.61	32.53	-12.67	-6.85	-1.02	4.81	10.00
A	M	COLL	B	16	0.27	7.79	-10.86	16.10	-7.80	-7.00	-1.33	5.33	10.80
A	M	COLL	W	365	0.17	8.61	-28.48	21.98	-11.94	-6.58	-0.59	5.33	11.24
A	M	D.K.	B	4	-6.19	11.76	-16.73	10.22	*	*	*	*	*
A	M	D.K.	W	17	-0.95	10.20	-17.94	16.10	-13.53	-11.50	-1.25	5.75	14.60
A	F	ELEM	B	22	3.04	7.85	-12.06	16.10	-7.80	-1.40	4.44	5.67	15.00
A	F	ELEM	W	116	2.71	7.49	-16.73	21.98	-7.28	-1.93	4.11	5.77	11.79
A	F	HS	B	17	-2.32	10.68	-17.94	16.10	-16.69	-11.50	-1.17	4.50	15.17
A	F	HS	W	169	0.75	8.04	-16.73	21.98	-11.13	-6.50	-0.39	5.42	11.12
A	F	COLL	B	8	4.24	3.99	-0.32	11.43	-0.32	0.0	4.50	5.50	10.40
A	F	COLL	W	421	1.19	8.25	-22.61	21.98	-10.47	-4.88	-0.22	5.40	11.21
A	F	D.K.	B	9	-2.01	8.40	-12.06	10.22	-12.06	-11.50	-1.00	4.75	10.20
A	F	D.K.	W	33	2.03	7.44	-12.06	21.98	-7.08	-1.96	-0.58	5.58	11.48
N	M	ELEM	B	41	-3.85	8.13	-17.94	14.91	-13.76	-12.39	-6.11	3.50	5.69
N	M	ELEM	W	193	-2.38	9.59	-28.48	26.65	-13.65	-12.04	-1.59	4.65	10.62
N	M	HS	B	34	-0.71	7.23	-17.94	16.10	-12.40	-6.25	-0.86	4.50	9.20
N	M	HS	W	149	-2.33	8.52	-28.48	21.98	-13.54	-7.55	-1.42	4.31	9.40
N	M	COLL	B	16	-0.91	11.89	-16.73	21.98	-13.40	-7.60	-6.00	-0.50	18.26
N	M	COLL	W	121	-1.44	9.33	-22.61	20.77	-13.36	-7.67	-1.68	5.26	11.52
N	M	D.K.	B	12	0.84	7.50	-12.06	10.22	-7.87	-6.67	2.00	6.00	10.22
N	M	D.K.	W	52	-1.28	8.75	-17.94	16.10	-13.09	-7.57	-1.43	5.33	9.92
N	F	ELEM	B	59	-1.00	8.40	-22.61	14.91	-12.84	-6.88	-1.00	5.05	10.91
N	F	ELEM	W	278	0.56	7.96	-17.94	26.65	-12.10	-6.49	-0.66	5.27	11.27
N	F	HS	B	33	0.39	7.70	-12.06	16.10	-7.76	-6.86	-1.00	5.19	11.70
N	F	HS	W	195	0.27	7.90	-17.94	21.98	-7.94	-6.74	-0.84	5.14	11.36
N	F	COLL	B	7	3.04	9.52	-10.86	16.10	-10.60	-6.50	4.50	10.50	15.33
N	F	COLL	W	155	0.66	8.00	-22.61	20.77	-11.25	-6.66	-0.23	5.39	11.07
N	F	D.K.	B	18	1.95	11.84	-17.94	20.77	-15.29	-7.50	4.50	11.50	17.31
N	F	D.K.	W	64	-2.16	7.95	-28.48	16.10	-12.40	-7.16	-1.67	2.00	9.20
TOTAL				2992	-0.04	8.49	-28.48	32.53	-12.41	-6.80	-0.78	5.22	11.14

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

TABLE 285

BEQ SCALE 11 (ACADEMIC EFFORT), 0 ORDER TREND

********** ANALYSIS OF VARIANCE TABLE **********

DEPENDENT VARIABLE 1

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	7904159.6475	2991			
MEAN	7742326.4586	1	7742326.4586	143093.5625	0.0000
ERROR	161833.1889	2990	54.1067		
CUR	10028.4405	1	10028.4405	231.4014	0.0000
SEX	13127.3643	1	13127.3643	302.9075	0.0000
F.ED	4229.1351	3	1409.7117	32.5284	0.0000
RACE	114.7842	1	114.7842	2.6486	0.1038
ERROR	129363.4413	2984	43.3378		
CS	34.9041	1	34.9041	0.8061	0.3695
CF	192.8141	3	64.2714	1.4843	0.2168
CR	26.5405	1	26.5405	0.6129	0.4340
SF	69.7318	3	23.2439	0.5368	0.6568
SR	100.4308	1	100.4308	2.3193	0.1281
FR	179.9125	3	59.9708	1.3850	0.2455
ERROR	128735.1844	2972	43.3015		
CSF	36.0167	3	12.0056	0.2772	0.8418
CSR	6.9059	1	6.9059	0.1594	0.6898
CFR	180.7257	3	60.2419	1.3908	0.2437
SFR	139.4203	3	46.4734	1.0729	0.3593
ERROR	128343.7334	2962	43.3155		
CSFR	49.1453	3	16.3818	0.3780	0.7689
ERROR	128294.5881	2959	43.3428		

KEY

A academic
B black
BEQ Background and Experience Questionnaire
COLL college
CF curriculum-father's education interaction
CR curriculum-race interaction
CS curriculum-sex interaction
CUR curriculum
D.K. respondent did not know
ELEM elementary school
F female
F.ED father's education
HS high school
M male
MAX maximum
MIN minimum
N (when in "curriculum" column) non-academic
N number of cases
NDF number of degrees of freedom
SCAT School and College Ability Tests
S.D. standard deviation
STEP Sequential Tests of Educational Progress
TGI Test of General Information
W white
* no valid statistic (N < 5)

BEQ SCALE 11 (ACADEMIC EFFORT), 1ST ORDER TREND

DEPENDENT VARIABLE I

********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	215669.4309	2991			
MEAN	6.0496	1	6.0496	0.0839	0.7722
ERROR	215663.3813	2990	72.1041		
CUR	1150.2570	1	1150.2570	16.2288	0.0001
SEX	2466.2960	1	2466.2960	34.7966	0.0001
F.ED	239.9960	3	79.9987	1.1287	0.3361
RACE	23.7197	1	23.7197	0.3347	0.5631
ERROR	211569.3715	2984	70.8775		
CS	43.4432	1	43.4432	0.6139	0.4335
CF	461.1249	3	153.7083	2.1721	0.0893
CR	149.5437	1	149.5437	2.1133	0.1463
SF	284.0786	3	94.6929	1.3382	0.2601
SR	5.8948	1	5.8948	0.0833	0.7730
FR	289.6533	3	96.5511	1.3644	0.2518
ERROR	210379.0634	2972	70.7632		
CSF	195.0373	3	65.0124	0.9194	0.4306
CSR	11.3894	1	11.3894	0.1611	0.6883
CFR	531.3199	3	177.1066	2.5046	0.0574
SFR	122.3313	3	40.7771	0.5767	0.6301
ERROR	209524.2772	2962	70.7136		
CSFR	12.7911	3	4.2637	0.0602	0.9805
ERROR	209511.4862	2959	70.7809		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ WORK SCALE, GRADE 11, 1967

CLASSIFICATION MARGINALS	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
ACADEMIC	1753	48.55	9.16	38.10	71.90	39.05	41.38	45.82	55.29	63.69
NON-ACADEMIC	1667	50.61	10.18	38.10	71.90	39.38	42.20	47.13	56.55	66.29
MALES	1594	52.59	9.89	38.10	71.90	40.22	43.88	53.66	57.44	66.81
FEMALES	1826	46.90	8.75	38.10	71.90	38.78	40.69	44.44	54.11	57.14
ELEM F.ED.	1029	50.94	10.01	38.10	71.90	39.63	42.76	47.12	56.77	66.30
HS F.ED.	937	49.26	9.86	38.10	71.90	39.05	41.38	46.27	55.82	65.02
COLL F.ED.	1207	48.61	9.12	38.10	71.90	39.08	41.45	45.92	55.27	63.45
D.K.F.ED.	247	49.56	10.26	38.10	71.90	39.01	41.27	46.57	56.08	65.63
BLACK	486	50.13	9.74	38.10	71.90	39.52	42.55	46.55	55.98	65.74
WHITE	2934	49.46	9.72	38.10	71.90	39.15	41.63	46.42	55.89	65.03
NOT IN SAMPLE	3239	50.47	10.26	38.10	71.90	39.33	42.07	46.90	56.54	66.35

CLASSIFICATION CUR	SEX	F.ED	RACE	N	MEAN	S.D.	MIN	MAX	PERCENTILES 10	25	50	75	90
A	M	ELEM	B	16	46.55	8.16	38.10	63.45	38.83	40.83	44.50	53.75	56.75
A	M	ELEM	W	160	52.94	9.61	38.10	71.90	40.58	44.25	53.90	63.07	66.50
A	M	HS	B	27	51.56	9.15	38.10	63.45	39.75	43.25	53.75	57.12	63.45
A	M	HS	W	226	51.00	9.23	38.10	71.90	39.76	43.09	52.99	56.48	65.22
A	M	COLL	B	19	49.66	8.07	38.10	71.90	40.67	43.59	46.56	54.82	56.86
A	M	COLL	W	385	50.54	9.13	38.10	71.90	39.69	42.90	52.59	56.21	64.90
A	M	D.K.	B	6	47.96	8.31	38.10	63.45	40.50	43.13	45.00	46.88	63.45
A	M	D.K.	W	20	54.58	8.44	38.10	71.90	42.50	47.50	55.00	57.50	66.25
A	F	ELEM	B	36	49.13	9.44	38.10	71.90	39.75	42.79	45.44	54.50	65.50
A	F	ELEM	W	142	47.92	9.42	38.10	71.90	38.87	40.91	45.14	54.93	63.32
A	F	HS	B	26	45.25	9.47	38.10	71.90	38.43	39.82	42.14	53.00	56.90
A	F	HS	W	184	45.13	7.90	38.10	71.90	38.56	40.14	42.99	47.50	56.23
A	F	COLL	B	15	47.11	9.29	38.10	63.45	38.75	40.63	44.38	54.58	63.45
A	F	COLL	W	442	45.63	7.85	38.10	71.90	38.65	40.36	43.62	53.14	56.26
A	F	D.K.	B	11	50.39	10.93	38.10	71.90	39.33	42.08	46.67	56.25	67.00
A	F	D.K.	W	38	44.99	8.07	38.10	63.45	38.45	39.88	42.25	53.64	56.23
N	M	ELEM	B	51	54.67	10.95	38.10	71.90	41.75	44.61	53.96	65.16	69.67
N	M	ELEM	W	236	55.21	10.19	38.10	71.90	41.71	45.37	55.15	64.91	68.57
N	M	HS	B	47	54.64	9.48	38.10	71.90	42.79	45.73	54.47	62.71	68.58
N	M	HS	W	165	54.54	10.85	38.10	71.90	40.16	44.64	54.96	64.56	68.91
N	M	COLL	B	20	52.04	11.06	38.10	71.90	40.00	43.21	46.79	63.75	67.50
N	M	COLL	W	140	52.89	9.68	38.10	71.90	40.68	44.31	53.75	57.40	66.85
N	M	D.K.	B	21	52.59	8.92	38.10	71.90	40.13	45.62	54.38	56.56	64.75
N	M	D.K.	W	55	54.23	11.53	38.10	71.90	39.79	43.47	54.82	65.10	69.06
N	F	ELEM	B	84	48.46	8.43	38.10	71.90	39.50	42.50	45.59	54.50	62.93
N	F	ELEM	W	304	48.47	9.20	38.10	71.90	39.10	41.50	45.56	55.06	63.86
N	F	HS	B	53	47.98	8.41	38.10	71.90	39.16	41.64	45.59	54.61	57.09
N	F	HS	W	209	46.15	8.88	38.10	71.90	38.61	40.28	43.51	53.64	56.98
N	F	COLL	B	21	51.38	10.88	38.10	71.90	39.60	42.71	47.08	57.25	67.33
N	F	COLL	W	165	47.68	8.73	38.10	71.90	38.85	40.88	45.49	54.93	57.18
N	F	D.K.	B	33	48.34	10.72	38.10	71.90	38.77	40.67	45.00	55.14	66.00
N	F	D.K.	W	63	46.28	8.71	38.10	71.90	38.67	40.42	43.82	53.66	57.04
TOTAL				3420	49.55	9.72	38.10	71.90	39.20	41.74	46.44	55.90	65.12

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
CR	curriculum-race interaction
CS	curriculum-sex interaction
CUR	curriculum
D.K.	respondent did not know
ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TGI	Test of General Information
W	white
*	no valid statistic (N < 5)

BEQ WORK SCALE, GRADE 11, 1967

DEPENDENT VARIABLE 1 ********** ANALYSIS OF VARIANCE TABLE **********

SOURCE	SUM OF SQUARES	NDF	MEAN SQUARE	F RATIO	PROBABILITY OF LARGER F
TOTAL	8721581.0850	3419			
MEAN	8398288.0211	1	8398288.0211	88816.4375	0.0000
ERROR	323293.0638	3418	94.5578		
CUR	2868.1713	1	2868.1713	33.8543	0.0001
SEX	28815.8764	1	28815.8764	340.1265	0.0000
F.ED	1807.6948	3	602.5649	7.1123	0.0002
RACE	38.6409	1	38.6409	0.4561	0.4997
ERROR	289152.7480	3412	84.7210		
CS	464.8671	1	464.8671	5.5072	0.0191
CF	184.0520	3	61.3507	0.7268	0.5357
CR	46.0561	1	46.0561	0.5456	0.4604
SF	642.7922	3	214.2641	2.5384	0.0549
SR	634.4106	1	634.4106	7.5158	0.0062
FR	254.0345	3	84.6782	1.0032	0.3902
ERROR	287079.0113	3400	84.4102		
CSF	222.2266	3	74.0755	0.8769	0.4522
CSR	88.4687	1	88.4687	1.0472	0.3063
CFR	23.3131	3	7.7710	0.0920	0.9644
SFR	237.5863	3	79.1954	0.9375	0.4216
ERROR	286465.8406	3390	84.4783		
CSFR	471.2373	3	157.0791	1.8608	0.1341
ERROR	285994.6033	3387	84.4140		

KEY

A	academic
B	black
BEQ	Background and Experience Questionnaire
COLL	college
CF	curriculum-father's education interaction
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CUR	curriculum
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ELEM	elementary school
F	female
F.ED	father's education
HS	high school
M	male
MAX	maximum
MIN	minimum
N	(when in "curriculum" column) non-academic
N	number of cases
NDF	number of degrees of freedom
SCAT	School and College Ability Tests
S.D.	standard deviation
STEP	Sequential Tests of Educational Progress
TG1	Test of General Information
W	white
*	no valid statistic (N < 5)

STEP MATHEMATICS

TABLE 289

ACADEMIC

NUMBER OF OBSERVATIONS IS 1593

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7015	0.6739	0.6139	250.8908	10.6660
1963	0.7015	1.0000	0.7542	0.7007	264.8092	12.3112
1965	0.6739	0.7542	1.0000	0.7371	276.0998	12.2665
1967	0.6139	0.7007	0.7371	1.0000	282.6711	13.8434

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1660

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5945	0.6078	0.4925	242.9831	9.4419
1963	0.5945	1.0000	0.6267	0.4921	253.2337	12.7500
1965	0.6078	0.6267	1.0000	0.5567	263.2916	12.8680
1967	0.4925	0.4921	0.5567	1.0000	268.6813	15.6667

MALES

NUMBER OF OBSERVATIONS IS 1528

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7255	0.7017	0.6410	247.1669	11.3872
1963	0.7255	1.0000	0.7624	0.6724	259.6924	14.1546
1965	0.7017	0.7624	1.0000	0.7274	270.8056	14.4480
1967	0.6410	0.6724	0.7274	1.0000	278.2317	16.1668

FEMALES

NUMBER OF OBSERVATIONS IS 1965

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6777	0.6798	0.5960	246.5160	10.2431
1963	0.6777	1.0000	0.7215	0.6471	258.1089	13.5489
1965	0.6798	0.7215	1.0000	0.6831	268.4911	13.6658
1967	0.5960	0.6471	0.6831	1.0000	273.1740	16.2379

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 982

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6376	0.6563	0.5502	244.9715	9.7892
1963	0.6376	1.0000	0.6743	0.5579	255.6904	12.7800
1965	0.6563	0.6743	1.0000	0.6343	266.1996	13.0175
1967	0.5502	0.5579	0.6343	1.0000	271.9481	15.3451

HS F.ED.

NUMBER OF OBSERVATIONS IS 873

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6799	0.6937	0.5952	246.4605	10.3893
1963	0.6799	1.0000	0.7269	0.6417	258.3677	13.3862
1965	0.6937	0.7269	1.0000	0.6710	268.9714	13.4681
1967	0.5952	0.6417	0.6710	1.0000	275.5578	15.3140

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STEP MATHEMATICS

TABLE 290

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1039

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7069	0.6798	0.6218	250.3282	11.1865
1963	0.7069	1.0000	0.7726	0.7074	264.3330	12.9192
1965	0.6798	0.7726	1.0000	0.7353	275.2762	13.2358
1967	0.6218	0.7074	0.7353	1.0000	281.4610	15.4218

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 119

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4734	0.5803	0.4301	236.5882	8.3861
1963	0.4734	1.0000	0.4973	0.1960	244.8655	11.8435
1965	0.5803	0.4973	1.0000	0.4554	253.5630	13.8191
1967	0.4301	0.1960	0.4554	1.0000	257.4286	16.6226

BLACK

NUMBER OF OBSERVATIONS IS 515

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4925	0.5874	0.3781	238.4330	8.3706
1963	0.4925	1.0000	0.5456	0.3125	246.9146	12.2837
1965	0.5874	0.5456	1.0000	0.4671	257.1010	13.0764
1967	0.3781	0.3125	0.4671	1.0000	260.8058	15.8821

WHITE

NUMBER OF OBSERVATIONS IS 2738

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6820	0.6636	0.5924	248.4397	10.4772
1963	0.6820	1.0000	0.7311	0.6568	261.1570	12.8852
1965	0.6636	0.7311	1.0000	0.6936	271.9080	13.0295
1967	0.5924	0.6568	0.6936	1.0000	278.3020	14.9166

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3505

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7056	0.7002	0.6270	246.4254	10.9648
1963	0.7056	1.0000	0.7523	0.6645	258.5175	13.9419
1965	0.7002	0.7523	1.0000	0.7122	269.1501	14.3901
1967	0.6270	0.6645	0.7122	1.0000	274.9837	16.7041

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 252

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7234	0.7028	0.6618	240.8730	11.4403
1963	0.7234	1.0000	0.7966	0.6738	253.5516	14.6883
1965	0.7028	0.7966	1.0000	0.7245	263.8095	16.6818
1967	0.6618	0.6738	0.7245	1.0000	267.9048	19.1659

STEP SCIENCE

TABLE 291

ACADEMIC

NUMBER OF OBSERVATIONS IS 1547

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7304	0.6819	0.6407	259.5663	12.4163
1963	0.7304	1.0000	0.7166	0.6470	270.6561	11.3798
1965	0.6819	0.7166	1.0000	0.7007	279.8888	12.8124
1967	0.6407	0.6470	0.7007	1.0000	286.4486	12.3546

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1580

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6124	0.5888	0.5153	249.8570	10.9981
1963	0.6124	1.0000	0.6305	0.5133	261.2848	9.2917
1965	0.5888	0.6305	1.0000	0.5779	267.3671	11.8430
1967	0.5153	0.5133	0.5779	1.0000	275.6734	11.3176

MALES

NUMBER OF OBSERVATIONS IS 1467

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7275	0.6949	0.6553	255.4390	13.8236
1963	0.7275	1.0000	0.7430	0.6713	266.8793	12.7491
1965	0.6949	0.7430	1.0000	0.7312	275.0014	15.1157
1967	0.6553	0.6713	0.7312	1.0000	283.4465	13.9632

FEMALES

NUMBER OF OBSERVATIONS IS 1879

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7270	0.7055	0.6422	253.9175	11.5702
1963	0.7270	1.0000	0.7228	0.6370	264.9894	10.1198
1965	0.7055	0.7228	1.0000	0.6786	272.2576	12.6695
1967	0.6422	0.6370	0.6786	1.0000	278.8808	11.8394

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 945

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6783	0.6622	0.6129	252.0709	11.1740
1963	0.6783	1.0000	0.6647	0.5795	263.3968	9.7562
1965	0.6622	0.6647	1.0000	0.6665	269.4339	12.1540
1967	0.6129	0.5795	0.6665	1.0000	278.2815	11.9115

HS F.ED.

NUMBER OF OBSERVATIONS IS 858

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6914	0.6549	0.5885	253.9452	12.1957
1963	0.6914	1.0000	0.7054	0.6077	265.0093	10.8869
1965	0.6549	0.7054	1.0000	0.6595	272.7016	12.8251
1967	0.5885	0.6077	0.6595	1.0000	280.5699	12.1323

STEP SCIENCE

TABLE 292

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1003

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7371	0.6831	0.6562	259.3091	13.0510
1963	0.7371	1.0000	0.7460	0.6854	270.5155	11.7394
1965	0.6831	0.7460	1.0000	0.7196	279.6939	13.9036
1967	0.6562	0.6854	0.7196	1.0000	285.5005	13.3848

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 102

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4964	0.5163	0.3545	241.4412	9.9376
1963	0.4964	1.0000	0.5594	0.3827	255.1765	8.5100
1965	0.5163	0.5594	1.0000	0.4890	262.0686	10.2261
1967	0.3545	0.3827	0.4890	1.0000	269.6569	10.5026

BLACK

NUMBER OF OBSERVATIONS IS 476

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5955	0.5607	0.5060	244.4370	10.0381
1963	0.5955	1.0000	0.6225	0.4480	257.8634	8.8320
1965	0.5607	0.6225	1.0000	0.5462	263.5357	11.1125
1967	0.5060	0.4480	0.5462	1.0000	270.8046	10.0452

WHITE

NUMBER OF OBSERVATIONS IS 2651

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7119	0.6780	0.6162	256.4960	12.2321
1963	0.7119	1.0000	0.7208	0.6404	267.3678	11.1877
1965	0.6780	0.7208	1.0000	0.6927	275.3621	13.4966
1967	0.6162	0.6404	0.6927	1.0000	282.8355	12.6291

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3355

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7313	0.6979	0.6522	254.2697	12.7782
1963	0.7313	1.0000	0.7416	0.6617	265.6870	11.4267
1965	0.6979	0.7416	1.0000	0.7132	273.4083	14.0174
1967	0.6522	0.6617	0.7132	1.0000	280.6689	13.1354

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 228

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7251	0.6877	0.6383	248.9123	12.8237
1963	0.7251	1.0000	0.7962	0.6733	262.4781	11.4981
1965	0.6877	0.7962	1.0000	0.7515	271.3026	16.2235
1967	0.6383	0.6733	0.7515	1.0000	276.0702	13.9600

STEP SOCIAL STUDIES

TABLE 293

ACADEMIC

NUMBER OF OBSERVATIONS IS 1533

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7706	0.7128	0.6943	256.0000	11.4121
1963	0.7706	1.0000	0.7597	0.7518	267.2042	13.6864
1965	0.7128	0.7597	1.0000	0.7451	279.2779	13.9566
1967	0.6943	0.7518	0.7451	1.0000	285.5088	13.9655

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1561

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7088	0.6759	0.5811	246.9007	9.8323
1963	0.7088	1.0000	0.7031	0.6101	255.6707	9.9617
1965	0.6759	0.7031	1.0000	0.6340	265.3921	12.8076
1967	0.5811	0.6101	0.6340	1.0000	270.2050	11.8951

MALES

NUMBER OF OBSERVATIONS IS 1452

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7875	0.7477	0.7078	251.7762	12.5306
1963	0.7875	1.0000	0.7776	0.7570	261.5764	13.8671
1965	0.7477	0.7776	1.0000	0.7691	272.9415	15.8828
1967	0.7078	0.7570	0.7691	1.0000	278.9897	15.6768

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FEMALES

NUMBER OF OBSERVATIONS IS 1859

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7819	0.7442	0.7146	250.9683	10.7143
1963	0.7819	1.0000	0.7916	0.7679	261.0490	12.7009
1965	0.7442	0.7916	1.0000	0.7591	271.4879	14.4249
1967	0.7146	0.7679	0.7591	1.0000	276.4088	14.4486

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 936

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7684	0.7473	0.6501	248.9306	10.1830
1963	0.7684	1.0000	0.7729	0.7006	258.1036	11.4063
1965	0.7473	0.7729	1.0000	0.7245	268.3280	13.6072
1967	0.6501	0.7006	0.7245	1.0000	273.5812	13.4068

HS F.ED.

NUMBER OF OBSERVATIONS IS 845

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7683	0.7212	0.6649	251.0024	11.4292
1963	0.7683	1.0000	0.7481	0.7168	260.4142	12.5558
1965	0.7212	0.7481	1.0000	0.7228	271.1124	14.2607
1967	0.6649	0.7168	0.7228	1.0000	277.1598	14.3505

STEP SOCIAL STUDIES

TABLE 294

COLL F.ED.

NUMBER OF OBSERVATIONS IS 996

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7776	0.7165	0.7223	255.4829	11.7729
1963	0.7776	1.0000	0.7670	0.7658	266.8263	13.9697
1965	0.7165	0.7670	1.0000	0.7595	278.8886	14.7303
1967	0.7223	0.7658	0.7595	1.0000	284.4327	14.8145

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 100

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5860	0.6764	0.5586	240.3400	8.4205
1963	0.5860	1.0000	0.5882	0.5242	249.5900	8.3031
1965	0.6764	0.5882	1.0000	0.6262	257.9500	10.7800
1967	0.5586	0.5242	0.6262	1.0000	264.4600	10.9311

BLACK

NUMBER OF OBSERVATIONS IS 461

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6685	0.6803	0.6087	242.4403	8.3582
1963	0.6685	1.0000	0.6732	0.6699	252.2082	9.1160
1965	0.6803	0.6732	1.0000	0.6708	260.0954	11.4390
1967	0.6087	0.6699	0.6708	1.0000	266.3384	11.5132

WHITE

NUMBER OF OBSERVATIONS IS 2633

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7742	0.7223	0.6851	252.9795	11.3438
1963	0.7742	1.0000	0.7722	0.7427	262.9920	13.2322
1965	0.7223	0.7722	1.0000	0.7447	274.4041	14.6248
1967	0.6851	0.7427	0.7447	1.0000	279.7923	14.6989

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3312

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7892	0.7544	0.7148	251.0356	11.6396
1963	0.7892	1.0000	0.7893	0.7630	261.0854	13.2319
1965	0.7544	0.7893	1.0000	0.7702	271.9336	15.2289
1967	0.7148	0.7630	0.7702	1.0000	277.4351	15.0697

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 218

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7996	0.8017	0.7251	245.7339	11.2418
1963	0.7996	1.0000	0.8384	0.7843	256.8303	11.8679
1965	0.8017	0.8384	1.0000	0.8141	267.1284	16.4415
1967	0.7251	0.7843	0.8141	1.0000	272.4312	14.4148

STEP READING

TABLE 295

ACADEMIC

NUMBER OF OBSERVATIONS IS 1524

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7575	0.7062	0.7084	264.6542	16.0494
1963	0.7575	1.0000	0.7678	0.7319	278.3045	16.1327
1965	0.7062	0.7678	1.0000	0.7413	289.4337	13.6420
1967	0.7084	0.7319	0.7413	1.0000	301.1726	15.1990

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1550

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7046	0.6619	0.6362	252.6097	13.5951
1963	0.7046	1.0000	0.7040	0.6510	263.5729	15.6975
1965	0.6619	0.7040	1.0000	0.6974	275.4961	16.0363
1967	0.6362	0.6510	0.6974	1.0000	285.5103	16.8152

MALES

NUMBER OF OBSERVATIONS IS 1444

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7518	0.7149	0.7050	255.9044	15.9540
1963	0.7518	1.0000	0.7704	0.7151	268.4460	17.9663
1965	0.7149	0.7704	1.0000	0.7599	279.3830	17.2688
1967	0.7050	0.7151	0.7599	1.0000	290.5339	18.6349

FEMALES

NUMBER OF OBSERVATIONS IS 1845

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7830	0.7235	0.7273	260.4596	15.7155
1963	0.7830	1.0000	0.7747	0.7630	272.4309	17.0135
1965	0.7235	0.7747	1.0000	0.7752	284.5778	15.3935
1967	0.7273	0.7630	0.7752	1.0000	294.9783	17.0591

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 928

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7377	0.6901	0.6788	255.6282	14.3271
1963	0.7377	1.0000	0.7412	0.7189	267.1541	16.4860
1965	0.6901	0.7412	1.0000	0.7334	278.6584	15.9706
1967	0.6788	0.7189	0.7334	1.0000	289.2834	17.6952

HS F.ED.

NUMBER OF OBSERVATIONS IS 843

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7704	0.7104	0.7066	257.6690	15.4540
1963	0.7704	1.0000	0.7532	0.7194	269.8612	17.3464
1965	0.7104	0.7532	1.0000	0.7244	281.2705	16.2303
1967	0.7066	0.7194	0.7244	1.0000	292.6963	17.1592

STEP READING

TABLE 296

COLL F.ED.

NUMBER OF OBSERVATIONS IS 989

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7562	0.7116	0.7116	264.1001	16.5519
1963	0.7562	1.0000	0.7840	0.7349	277.4954	16.5047
1965	0.7116	0.7840	1.0000	0.7646	288.7978	14.5476
1967	0.7116	0.7349	0.7646	1.0000	299.7735	16.3273

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 99

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7152	0.6880	0.6190	242.9192	12.3056
1963	0.7152	1.0000	0.7515	0.6908	254.7677	14.0424
1965	0.6880	0.7515	1.0000	0.7928	266.9697	16.5490
1967	0.6190	0.6908	0.7928	1.0000	278.9495	15.4078

BLACK

NUMBER OF OBSERVATIONS IS 454

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7357	0.6863	0.6783	246.8678	12.6080
1963	0.7357	1.0000	0.7038	0.6973	258.7621	15.0102
1965	0.6863	0.7038	1.0000	0.7184	270.7489	15.6327
1967	0.6783	0.6973	0.7184	1.0000	280.0308	16.6641

WHITE

NUMBER OF OBSERVATIONS IS 2620

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7537	0.7022	0.6949	260.6107	15.6935
1963	0.7537	1.0000	0.7666	0.7249	272.9756	17.0863
1965	0.7022	0.7666	1.0000	0.7502	284.4260	15.7287
1967	0.6949	0.7249	0.7502	1.0000	295.5702	17.0240

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3283

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7749	0.7289	0.7225	258.0701	16.0476
1963	0.7749	1.0000	0.7818	0.7518	270.4627	17.6871
1965	0.7289	0.7818	1.0000	0.7766	282.0603	16.5772
1967	0.7225	0.7518	0.7766	1.0000	292.8215	17.9687

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 209

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7807	0.7595	0.7100	250.5550	14.2314
1963	0.7807	1.0000	0.8061	0.8054	264.3780	18.7424
1965	0.7595	0.8061	1.0000	0.8583	276.9761	17.6238
1967	0.7100	0.8054	0.8583	1.0000	286.1483	18.4609

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STEP LISTENING

TABLE 297

ACADEMIC

NUMBER OF OBSERVATIONS IS 1492

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7520	0.6905	0.6012	273.2782	11.6709
1963	0.7520	1.0000	0.7521	0.6677	284.4625	13.5940
1965	0.6905	0.7521	1.0000	0.6750	291.9839	14.0011
1967	0.6012	0.6677	0.6750	1.0000	297.3619	14.1426

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1484

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7283	0.6790	0.6006	263.6604	11.1291
1963	0.7283	1.0000	0.7327	0.6342	271.8753	11.8017
1965	0.6790	0.7327	1.0000	0.6543	279.1563	13.0128
1967	0.6006	0.6342	0.6543	1.0000	284.8511	12.9001

MALES

NUMBER OF OBSERVATIONS IS 1398

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7690	0.7276	0.6370	268.7518	12.0918
1963	0.7690	1.0000	0.7793	0.6786	278.3548	14.0921
1965	0.7276	0.7793	1.0000	0.7063	285.3505	14.5784
1967	0.6370	0.6786	0.7063	1.0000	290.8619	15.0221

FEMALES

NUMBER OF OBSERVATIONS IS 1787

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7932	0.7463	0.6944	268.1063	12.5204
1963	0.7932	1.0000	0.8051	0.7569	277.8355	14.3988
1965	0.7463	0.8051	1.0000	0.7494	285.5741	15.3504
1967	0.6944	0.7569	0.7494	1.0000	291.1142	14.9363

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 900

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7536	0.7061	0.6285	265.5844	11.3236
1963	0.7536	1.0000	0.7720	0.7062	274.6733	12.6105
1965	0.7061	0.7720	1.0000	0.7199	281.3400	13.3160
1967	0.6285	0.7062	0.7199	1.0000	288.0578	13.6404

HS F.ED.

NUMBER OF OBSERVATIONS IS 824

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7536	0.7113	0.6507	267.7937	11.8267
1963	0.7536	1.0000	0.7656	0.6838	276.9672	13.8153
1965	0.7113	0.7656	1.0000	0.7042	283.9345	14.1877
1967	0.6507	0.6838	0.7042	1.0000	290.2925	14.0496

STEP LISTENING

TABLE 298

COLL F.ED.

NUMBER OF OBSERVATIONS IS 955

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7685	0.7024	0.6202	273.2387	12.2637
1963	0.7685	1.0000	0.7509	0.6680	284.1874	13.6326
1965	0.7024	0.7509	1.0000	0.6685	292.4545	14.5291
1967	0.6202	0.6680	0.6685	1.0000	296.3351	14.9980

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 88

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7920	0.6710	0.4834	256.2955	10.6068
1963	0.7920	1.0000	0.7802	0.5370	264.8182	11.6126
1965	0.6710	0.7802	1.0000	0.5668	274.0114	11.5537
1967	0.4834	0.5370	0.5668	1.0000	278.0341	12.8137

BLACK

NUMBER OF OBSERVATIONS IS 424

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7151	0.6821	0.5827	257.9387	10.6366
1963	0.7151	1.0000	0.7238	0.6081	266.0425	11.5374
1965	0.6821	0.7238	1.0000	0.6871	274.8538	12.2080
1967	0.5827	0.6081	0.6871	1.0000	280.2028	12.9388

WHITE

NUMBER OF OBSERVATIONS IS 2552

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7593	0.7120	0.6338	270.2339	11.7596
1963	0.7593	1.0000	0.7750	0.6952	280.2034	13.5844
1965	0.7120	0.7750	1.0000	0.7011	287.3707	14.6275
1967	0.6338	0.6952	0.7011	1.0000	292.9377	14.4366

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3171

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7853	0.7316	0.6726	268.0438	12.5440
1963	0.7853	1.0000	0.7932	0.7239	277.8877	14.2734
1965	0.7316	0.7932	1.0000	0.7307	285.5077	15.1058
1967	0.6726	0.7239	0.7307	1.0000	290.7780	15.0843

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 195

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7881	0.7248	0.7188	261.3538	13.1685
1963	0.7881	1.0000	0.8320	0.7863	273.3385	14.5778
1965	0.7248	0.8320	1.0000	0.8082	284.2923	17.1094
1967	0.7188	0.7863	0.8082	1.0000	285.5077	16.6288

STEP WRITING

TABLE 299

ACADEMIC

NUMBER OF OBSERVATIONS IS 1487

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7615	0.7048	0.6818	262.0955	13.5399
1963	0.7615	1.0000	0.7679	0.7199	272.2313	15.5651
1965	0.7048	0.7679	1.0000	0.7313	286.0208	16.5594
1967	0.6818	0.7199	0.7313	1.0000	296.3349	16.6309

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1478

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6868	0.6647	0.6161	252.3268	13.0940
1963	0.6868	1.0000	0.6957	0.6434	258.9723	14.3735
1965	0.6647	0.6957	1.0000	0.6886	271.3654	16.3206
1967	0.6161	0.6434	0.6886	1.0000	280.0643	16.1063

MALES

NUMBER OF OBSERVATIONS IS 1396

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7279	0.7093	0.6719	253.7758	14.0008
1963	0.7279	1.0000	0.7606	0.6992	261.9284	16.1271
1965	0.7093	0.7606	1.0000	0.7401	274.1755	18.1331
1967	0.6719	0.6992	0.7401	1.0000	283.8173	18.3213

FEMALES

NUMBER OF OBSERVATIONS IS 1778

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7712	0.7170	0.6969	259.7413	13.7805
1963	0.7712	1.0000	0.7745	0.7556	268.1226	16.0494
1965	0.7170	0.7745	1.0000	0.7613	282.0748	17.0148
1967	0.6969	0.7556	0.7613	1.0000	291.2407	17.8062

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 896

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7477	0.7215	0.6867	254.7087	13.6186
1963	0.7477	1.0000	0.7463	0.7242	262.0223	15.1369
1965	0.7215	0.7463	1.0000	0.7447	274.4308	17.0148
1967	0.6867	0.7242	0.7447	1.0000	283.7679	16.8179

HS F.ED.

NUMBER OF OBSERVATIONS IS 822

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7444	0.7201	0.6911	256.5438	13.5196
1963	0.7444	1.0000	0.7569	0.7074	264.9392	15.9173
1965	0.7201	0.7569	1.0000	0.7383	277.2555	17.2943
1967	0.6911	0.7074	0.7383	1.0000	287.2226	17.7875

COLL F.ED.

NUMBER OF OBSERVATIONS IS 952

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7538	0.6916	0.6740	261.6628	14.1193
1963	0.7538	1.0000	0.7617	0.7175	271.7300	16.0929
1965	0.6916	0.7617	1.0000	0.7314	285.9664	17.1123
1967	0.6740	0.7175	0.7314	1.0000	295.4212	17.4080

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 86

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5482	0.5519	0.3864	244.8605	10.8843
1963	0.5482	1.0000	0.6972	0.5695	250.2907	12.1940
1965	0.5519	0.6972	1.0000	0.6982	261.2791	15.3545
1967	0.3864	0.5695	0.6982	1.0000	273.7326	14.5685

BLACK

NUMBER OF OBSERVATIONS IS 420

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6793	0.6645	0.6206	247.6952	12.6979
1963	0.6793	1.0000	0.7054	0.6501	254.1071	13.6872
1965	0.6645	0.7054	1.0000	0.6961	265.0524	15.6744
1967	0.6206	0.6501	0.6961	1.0000	275.6310	15.4204

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WHITE

NUMBER OF OBSERVATIONS IS 2545

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7513	0.7086	0.6823	258.7988	13.7988
1963	0.7513	1.0000	0.7624	0.7256	267.5222	16.0103
1965	0.7086	0.7624	1.0000	0.7460	280.9701	17.3502
1967	0.6823	0.7256	0.7460	1.0000	290.3026	17.8782

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3158

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7654	0.7312	0.7015	256.7891	14.3231
1963	0.7654	1.0000	0.7795	0.7447	265.2277	16.4858
1965	0.7312	0.7795	1.0000	0.7661	278.2365	18.1146
1967	0.7015	0.7447	0.7661	1.0000	287.9205	18.3557

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 193

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7660	0.7309	0.7067	250.0777	14.7258
1963	0.7660	1.0000	0.7812	0.7938	259.1710	16.8547
1965	0.7309	0.7812	1.0000	0.8056	270.8808	18.2802
1967	0.7067	0.7938	0.8056	1.0000	283.2539	18.8571

SCAT VERBAL

TABLE 301

ACADEMIC

NUMBER OF OBSERVATIONS IS 1450

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8438	0.7968	0.7762	254.3497	12.0871
1963	0.8438	1.0000	0.8565	0.8314	268.7345	12.4696
1965	0.7968	0.8565	1.0000	0.8509	282.3324	12.2322
1967	0.7762	0.8314	0.8509	1.0000	290.0407	13.0375

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1420

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8194	0.7654	0.7204	245.2613	9.2279
1963	0.8194	1.0000	0.8562	0.8003	258.0106	10.3802
1965	0.7654	0.8562	1.0000	0.8331	269.7204	12.3544
1967	0.7204	0.8003	0.8331	1.0000	275.5246	12.4711

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MALES

NUMBER OF OBSERVATIONS IS 1340

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8582	0.8032	0.7891	249.1276	11.9404
1963	0.8582	1.0000	0.8694	0.8390	263.1978	13.0294
1965	0.8032	0.8694	1.0000	0.8610	276.1948	13.8625
1967	0.7891	0.8390	0.8610	1.0000	283.2052	14.7576

FEMALES

NUMBER OF OBSERVATIONS IS 1723

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8616	0.8229	0.7954	250.1967	11.4013
1963	0.8616	1.0000	0.8890	0.8629	263.4417	12.3339
1965	0.8229	0.8890	1.0000	0.8906	275.7208	13.7961
1967	0.7954	0.8629	0.8906	1.0000	282.1985	14.7710

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 876

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8451	0.7975	0.7510	247.0651	10.1291
1963	0.8451	1.0000	0.8844	0.8251	260.0342	11.2112
1965	0.7975	0.8844	1.0000	0.8628	272.2021	13.0678
1967	0.7510	0.8251	0.8628	1.0000	278.4372	12.9895

HS F.ED.

NUMBER OF OBSERVATIONS IS 800

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8602	0.7799	0.7674	249.1375	11.3092
1963	0.8602	1.0000	0.8555	0.8325	262.5175	12.3295
1965	0.7799	0.8555	1.0000	0.8486	275.1188	13.2377
1967	0.7674	0.8325	0.8486	1.0000	282.0000	14.1272

TABLE 302

SCAT VERBAL

CULL F.ED.

NUMBER OF OBSERVATIONS IS 927

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8406	0.8160	0.7951	254.3355	12.1948
1963	0.8406	1.0000	0.8666	0.8481	268.6613	12.5506
1965	0.8160	0.8666	1.0000	0.8666	282.2913	12.4150
1967	0.7951	0.8481	0.8666	1.0000	289.4876	13.8417

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 74

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8201	0.8065	0.7523	239.5676	7.7006
1963	0.8201	1.0000	0.8520	0.7721	251.7838	10.6267
1965	0.8065	0.8520	1.0000	0.8740	261.8108	13.0101
1967	0.7523	0.7721	0.8740	1.0000	270.5270	13.5180

BLACK

NUMBER OF OBSERVATIONS IS 392

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8000	0.7500	0.6955	241.3010	8.3664
1963	0.8000	1.0000	0.8389	0.7726	253.5000	10.1187
1965	0.7500	0.8389	1.0000	0.8234	263.9260	12.6768
1967	0.6955	0.7726	0.8234	1.0000	271.8291	13.1932

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WHITE

NUMBER OF OBSERVATIONS IS 2478

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8518	0.8025	0.7822	251.2058	11.5641
1963	0.8518	1.0000	0.8715	0.8451	264.9992	12.3194
1965	0.8025	0.8715	1.0000	0.8698	278.0169	12.9818
1967	0.7822	0.8451	0.8698	1.0000	284.6033	14.1339

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3037

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.8580	0.8140	0.7908	249.5397	11.7055
1963	0.8580	1.0000	0.8802	0.8505	263.1419	12.7158
1965	0.8140	0.8802	1.0000	0.8763	275.8113	13.8875
1967	0.7908	0.8505	0.8763	1.0000	282.5584	14.7927

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 167

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7851	0.8029	0.7578	244.1557	10.6608
1963	0.7851	1.0000	0.8621	0.8147	258.2156	12.4285
1965	0.8029	0.8621	1.0000	0.8542	270.9820	14.2251
1967	0.7578	0.8147	0.8542	1.0000	277.4012	15.7412

SCAT QUANTITATIVE

TABLE 303

ACADEMIC

NUMBER OF OBSERVATIONS IS 1445

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7284	0.6617	0.6589	260.1156	8.7946
1963	0.7284	1.0000	0.7192	0.7078	279.8913	13.6028
1965	0.6617	0.7192	1.0000	0.7926	296.9156	15.2326
1967	0.6589	0.7078	0.7926	1.0000	302.5218	16.2446

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1416

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6637	0.6248	0.5817	254.3418	7.3753
1963	0.6637	1.0000	0.6956	0.6419	269.9626	10.0475
1965	0.6248	0.6956	1.0000	0.7221	282.6758	14.4149
1967	0.5817	0.6419	0.7221	1.0000	286.0261	15.4613

MALES

NUMBER OF OBSERVATIONS IS 1334

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7475	0.7127	0.6955	257.0247	9.1862
1963	0.7475	1.0000	0.7581	0.7243	275.5300	13.9102
1965	0.7127	0.7581	1.0000	0.8109	290.5210	17.0513
1967	0.6955	0.7243	0.8109	1.0000	296.5465	18.1292

FEMALES

NUMBER OF OBSERVATIONS IS 1718

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7389	0.6817	0.6748	257.3038	8.1224
1963	0.7389	1.0000	0.7439	0.7427	274.3772	12.2918
1965	0.6817	0.7439	1.0000	0.8113	289.1455	15.9964
1967	0.6748	0.7427	0.8113	1.0000	292.4272	17.4954

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 876

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6989	0.6395	0.6133	255.7352	7.6447
1963	0.6989	1.0000	0.7369	0.6888	272.0548	11.3106
1965	0.6395	0.7369	1.0000	0.7784	285.6084	14.9844
1967	0.6133	0.6888	0.7784	1.0000	289.7146	16.8578

HS F.ED.

NUMBER OF OBSERVATIONS IS 799

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7454	0.7007	0.6874	256.8110	8.4624
1963	0.7454	1.0000	0.7457	0.7223	274.1840	12.3942
1965	0.7007	0.7457	1.0000	0.7811	288.8135	15.8480
1967	0.6874	0.7223	0.7811	1.0000	293.2778	17.1090

SCAT QUANTITATIVE

TABLE 304

COLL F.ED.

NUMBER OF OBSERVATIONS IS 925

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7176	0.6649	0.6625	259.9124	8.9991
1963	0.7176	1.0000	0.7224	0.7124	279.5168	13.5165
1965	0.6649	0.7224	1.0000	0.7923	296.3611	16.0252
1967	0.6625	0.7124	0.7923	1.0000	301.3178	17.1021

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 70

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5795	0.4671	0.3529	249.6571	6.7525
1963	0.5795	1.0000	0.6254	0.4707	264.8143	8.3329
1965	0.4671	0.6254	1.0000	0.7271	274.6857	13.7877
1967	0.3529	0.4707	0.7271	1.0000	278.4714	15.1561

BLACK

NUMBER OF OBSERVATIONS IS 388

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6448	0.5236	0.5056	251.2113	7.2312
1963	0.6448	1.0000	0.6294	0.5492	266.3041	9.6522
1965	0.5236	0.6294	1.0000	0.7184	276.8608	13.3251
1967	0.5056	0.5492	0.7184	1.0000	279.6830	14.9541

WHITE

NUMBER OF OBSERVATIONS IS 2473

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7273	0.6792	0.6609	258.2066	8.4344
1963	0.7273	1.0000	0.7413	0.7234	276.3381	12.8903
1965	0.6792	0.7413	1.0000	0.7931	291.9086	15.9571
1967	0.6609	0.7234	0.7931	1.0000	296.6599	17.1927

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3027

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.7381	0.6908	0.6721	257.0350	8.6279
1963	0.7381	1.0000	0.7546	0.7324	274.8001	12.9811
1965	0.6908	0.7546	1.0000	0.8098	289.7701	16.5475
1967	0.6721	0.7324	0.8098	1.0000	294.2891	18.0306

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 166

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6957	0.7051	0.6652	253.1928	7.8040
1963	0.6957	1.0000	0.7937	0.7755	271.7470	12.8970
1965	0.7051	0.7937	1.0000	0.8453	288.0843	18.0068
1967	0.6652	0.7755	0.8453	1.0000	293.1084	20.4501

TGI SCALE A, INDUSTRIAL ARTS

TABLE 305

ACADEMIC

NUMBER OF OBSERVATIONS IS 1696

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5833	0.5308	0.5137	6.6899	3.0955
1963	0.5833	1.0000	0.5701	0.5494	6.3915	2.6335
1965	0.5308	0.5701	1.0000	0.6928	6.2818	2.5591
1967	0.5137	0.5494	0.6928	1.0000	7.4552	2.6527

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1667

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4833	0.4193	0.4325	4.7151	2.5806
1963	0.4833	1.0000	0.4584	0.4969	4.9550	2.3844
1965	0.4193	0.4584	1.0000	0.6318	4.8800	2.3546
1967	0.4325	0.4969	0.6318	1.0000	5.9088	2.6774

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6109	0.5560	0.5259	6.3803	3.2991
1963	0.6109	1.0000	0.5513	0.5465	6.5380	2.8261
1965	0.5560	0.5513	1.0000	0.6279	6.8379	2.4693
1967	0.5259	0.5465	0.6279	1.0000	8.1359	2.5338

FEMALES

NUMBER OF OBSERVATIONS IS 2005

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4812	0.4198	0.4567	5.1581	2.6164
1963	0.4812	1.0000	0.4128	0.4412	4.9766	2.1620
1965	0.4198	0.4128	1.0000	0.5856	4.5880	2.1444
1967	0.4567	0.4412	0.5856	1.0000	5.5217	2.3730

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4947	0.4354	0.4526	5.0284	2.8094
1963	0.4947	1.0000	0.5300	0.5140	5.2166	2.4656
1965	0.4354	0.5300	1.0000	0.6659	5.1851	2.3881
1967	0.4526	0.5140	0.6659	1.0000	6.2829	2.6234

HS F.ED.

NUMBER OF OBSERVATIONS IS 915

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5705	0.4978	0.4909	5.5038	2.8856
1963	0.5705	1.0000	0.5365	0.5446	5.5847	2.5829
1965	0.4978	0.5365	1.0000	0.6713	5.5115	2.5248
1967	0.4909	0.5446	0.6713	1.0000	6.5902	2.8267

TGI SCALE A, INDUSTRIAL ARTS

TABLE 306

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5906	0.5693	0.5401	6.6994	3.0952
1963	0.5906	1.0000	0.5653	0.5640	6.3683	2.6563
1965	0.5693	0.5653	1.0000	0.7011	6.1778	2.6293
1967	0.5401	0.5640	0.7011	1.0000	7.3633	2.7447

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4191	0.3104	0.1743	3.1963	1.9691
1963	0.4191	1.0000	0.2817	0.3679	3.5981	2.0773
1965	0.3104	0.2817	1.0000	0.3513	3.6822	1.9218
1967	0.1743	0.3679	0.3513	1.0000	4.3645	1.9160

BLACK

NUMBER OF OBSERVATIONS IS 514

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3437	0.3443	0.3437	3.4669	2.2456
1963	0.3437	1.0000	0.3270	0.3186	3.8482	2.0604
1965	0.3443	0.3270	1.0000	0.4776	3.9436	2.0373
1967	0.3437	0.3186	0.4776	1.0000	4.6342	2.2984

WHITE

NUMBER OF OBSERVATIONS IS 2849

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5587	0.4994	0.4844	6.1158	2.9613
1963	0.5587	1.0000	0.5390	0.5393	6.0098	2.5659
1965	0.4994	0.5390	1.0000	0.6830	5.8835	2.5295
1967	0.4844	0.5393	0.6830	1.0000	7.0593	2.6902

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3544

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5846	0.5306	0.5245	5.6191	3.0184
1963	0.5846	1.0000	0.5536	0.5618	5.6188	2.6104
1965	0.5306	0.5536	1.0000	0.6886	5.5449	2.5518
1967	0.5245	0.5618	0.6886	1.0000	6.6354	2.7712

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5426	0.5093	0.4673	3.9116	2.4659
1963	0.5426	1.0000	0.4262	0.5105	4.4917	2.2707
1965	0.5093	0.4262	1.0000	0.6439	4.7624	2.3016
1967	0.4673	0.5105	0.6439	1.0000	5.6464	2.5045

TGI SCALE B, HOME ARTS

TABLE 307

ACADEMIC

NUMBER OF OBSERVATIONS IS 1696

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5420	0.5471	0.5255	7.8532	2.8235
1963	0.5420	1.0000	0.5191	0.4533	7.3361	2.3513
1965	0.5471	0.5191	1.0000	0.6563	8.2541	2.5413
1967	0.5255	0.4533	0.6563	1.0000	9.8343	2.4637

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1667

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4783	0.5051	0.4756	5.9424	2.6509
1963	0.4783	1.0000	0.4511	0.4138	5.8590	2.2554
1965	0.5051	0.4511	1.0000	0.6174	6.4733	2.4384
1967	0.4756	0.4138	0.6174	1.0000	7.9682	2.5940

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5500	0.5584	0.5466	6.5552	2.7940
1963	0.5500	1.0000	0.5056	0.4570	6.3210	2.3364
1965	0.5584	0.5056	1.0000	0.6376	6.7154	2.5073
1967	0.5466	0.4570	0.6376	1.0000	8.1672	2.6144

FEMALES

NUMBER OF OBSERVATIONS IS 2005

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5571	0.5804	0.5524	7.1342	2.9332
1963	0.5571	1.0000	0.5520	0.5067	6.7940	2.4509
1965	0.5804	0.5520	1.0000	0.6735	7.8733	2.6271
1967	0.5524	0.5067	0.6735	1.0000	9.4484	2.6343

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5058	0.4921	0.4981	6.2482	2.7916
1963	0.5058	1.0000	0.4769	0.4550	6.2681	2.2668
1965	0.4921	0.4769	1.0000	0.6569	6.7718	2.4652
1967	0.4981	0.4550	0.6569	1.0000	8.2387	2.6141

HS F.ED.

NUMBER OF OBSERVATIONS IS 915

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5796	0.5797	0.5487	6.7191	2.9269
1963	0.5796	1.0000	0.5342	0.4662	6.5355	2.4485
1965	0.5797	0.5342	1.0000	0.6364	7.1169	2.6099
1967	0.5487	0.4662	0.6364	1.0000	8.7268	2.6513

TGI SCALE B, HOME ARTS

TABLE 308

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5256	0.5573	0.5080	7.8781	2.7456
1963	0.5256	1.0000	0.5129	0.4550	7.1753	2.3673
1965	0.5573	0.5129	1.0000	0.6589	8.2870	2.5324
1967	0.5080	0.4550	0.6589	1.0000	9.8738	2.4252

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5033	0.5452	0.5073	4.4860	2.1372
1963	0.5033	1.0000	0.4967	0.4478	4.4486	2.3689
1965	0.5452	0.4967	1.0000	0.6405	4.9720	2.3698
1967	0.5073	0.4478	0.6405	1.0000	6.5514	2.7008

BLACK

NUMBER OF OBSERVATIONS IS 514

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4694	0.4705	0.4539	4.3969	2.2120
1963	0.4694	1.0000	0.4528	0.4135	4.9339	2.2550
1965	0.4705	0.4528	1.0000	0.6470	5.3619	2.3443
1967	0.4539	0.4135	0.6470	1.0000	6.9397	2.5412

WHITE

NUMBER OF OBSERVATIONS IS 2849

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5166	0.5317	0.5092	7.3587	2.7769
1963	0.5166	1.0000	0.4977	0.4468	6.9052	2.3238
1965	0.5317	0.4977	1.0000	0.6424	7.7339	2.5314
1967	0.5092	0.4468	0.6424	1.0000	9.2647	2.5665

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3544

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5649	0.5853	0.5623	6.8129	2.9135
1963	0.5649	1.0000	0.5454	0.5007	6.5556	2.4350
1965	0.5853	0.5454	1.0000	0.6842	7.2847	2.6775
1967	0.5623	0.5007	0.6842	1.0000	8.8301	2.7195

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5582	0.5340	0.5104	5.0829	2.5832
1963	0.5582	1.0000	0.5648	0.5488	5.6575	2.5411
1965	0.5340	0.5648	1.0000	0.6799	5.6740	2.7630
1967	0.5104	0.5488	0.6799	1.0000	7.3591	2.7388

TGI SCALE C, PHYSICAL SCIENCE, MATH

TABLE 309

ACADEMIC

NUMBER OF OBSERVATIONS IS 1696

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5490	0.5574	0.5361	7.6191	3.1009
1963	0.5490	1.0000	0.4971	0.4660	6.8779	2.2471
1965	0.5574	0.4971	1.0000	0.6716	7.8267	2.6561
1967	0.5361	0.4660	0.6716	1.0000	8.7099	2.7314

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1667

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3764	0.4416	0.4574	5.3239	2.7858
1963	0.3764	1.0000	0.3220	0.3460	5.4661	1.9881
1965	0.4416	0.3220	1.0000	0.5619	5.7097	2.3894
1967	0.4574	0.3460	0.5619	1.0000	6.6623	2.6330

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5964	0.6074	0.5866	6.9432	3.3378
1963	0.5964	1.0000	0.5439	0.5140	6.5795	2.3853
1965	0.6074	0.5439	1.0000	0.7055	7.5220	2.8817
1967	0.5866	0.5140	0.7055	1.0000	8.7135	2.9276

FEMALES

NUMBER OF OBSERVATIONS IS 2005

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4410	0.5049	0.5088	6.0703	2.9576
1963	0.4410	1.0000	0.3759	0.3798	5.8454	2.0420
1965	0.5049	0.3759	1.0000	0.5777	6.1342	2.4589
1967	0.5088	0.3798	0.5777	1.0000	6.8579	2.5391

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4329	0.4585	0.4551	5.6835	2.8880
1963	0.4329	1.0000	0.3670	0.3830	5.7224	2.0232
1965	0.4585	0.3670	1.0000	0.5912	6.0294	2.4583
1967	0.4551	0.3830	0.5912	1.0000	6.9853	2.6167

HS F.ED.

NUMBER OF OBSERVATIONS IS 915

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5157	0.5596	0.5594	6.2798	3.1227
1963	0.5157	1.0000	0.4374	0.4395	5.9661	2.2013
1965	0.5596	0.4374	1.0000	0.6619	6.5617	2.6305
1967	0.5594	0.4395	0.6619	1.0000	7.5934	2.8390

TGI SCALE C, PHYSICAL SCIENCE, MATH

TABLE 310

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5461	0.5803	0.5640	7.6164	3.0940
1963	0.5461	1.0000	0.5349	0.4965	6.8815	2.2822
1965	0.5803	0.5349	1.0000	0.6707	7.8721	2.6732
1967	0.5640	0.4965	0.6707	1.0000	8.6554	2.8072

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.0965	0.3516	0.3589	3.7103	2.2298
1963	0.0965	1.0000	0.1452	0.1550	4.6355	1.8106
1965	0.3516	0.1452	1.0000	0.4253	4.3271	2.1950
1967	0.3589	0.1550	0.4253	1.0000	5.0374	2.2792

BLACK

NUMBER OF OBSERVATIONS IS 514

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.2277	0.3633	0.4069	3.9494	2.3575
1963	0.2277	1.0000	0.2554	0.2258	4.7899	1.8616
1965	0.3633	0.2554	1.0000	0.5779	4.8366	2.3457
1967	0.4069	0.2258	0.5779	1.0000	5.6284	2.5499

WHITE

NUMBER OF OBSERVATIONS IS 2849

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5194	0.5478	0.5289	6.9382	3.0743
1963	0.5194	1.0000	0.4718	0.4605	6.4286	2.2071
1965	0.5478	0.4718	1.0000	0.6486	7.1274	2.6586
1967	0.5289	0.4605	0.6486	1.0000	8.0677	2.7663

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3544

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5328	0.5768	0.5643	6.3962	3.1699
1963	0.5328	1.0000	0.4872	0.4754	6.1439	2.2307
1965	0.5768	0.4872	1.0000	0.6783	6.7348	2.7521
1967	0.5643	0.4754	0.6783	1.0000	7.6507	2.8867

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4578	0.5613	0.5161	4.8122	2.8397
1963	0.4578	1.0000	0.3956	0.4069	5.5083	2.0072
1965	0.5613	0.3956	1.0000	0.7485	5.9448	2.8532
1967	0.5161	0.4069	0.7485	1.0000	6.8287	3.0354

TGI SCALE D, BIOLOGICAL SCIENCE

TABLE 311

ACADEMIC

NUMBER OF OBSERVATIONS IS 1695

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6026	0.4957	0.4721	8.1953	3.1485
1963	0.6026	1.0000	0.4987	0.4943	7.8578	2.8308
1965	0.4957	0.4987	1.0000	0.5840	8.7062	2.3094
1967	0.4721	0.4943	0.5840	1.0000	10.0206	2.3245

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1667

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5231	0.4368	0.4406	5.9220	2.8537
1963	0.5231	1.0000	0.4309	0.4325	5.6755	2.5734
1965	0.4368	0.4309	1.0000	0.5398	6.9382	2.4150
1967	0.4406	0.4325	0.5398	1.0000	8.1224	2.4885

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6436	0.5407	0.5423	7.1149	3.2192
1963	0.6436	1.0000	0.5434	0.5561	6.9311	2.9539
1965	0.5407	0.5434	1.0000	0.6177	8.0204	2.5332
1967	0.5423	0.5561	0.6177	1.0000	9.3535	2.6386

FEMALES

NUMBER OF OBSERVATIONS IS 2004

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6057	0.5252	0.5084	6.9825	3.1870
1963	0.6057	1.0000	0.5180	0.5188	6.5988	2.8744
1965	0.5252	0.5180	1.0000	0.6084	7.6472	2.4903
1967	0.5084	0.5188	0.6084	1.0000	8.8244	2.5385

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5537	0.4433	0.4334	6.2744	2.9821
1963	0.5537	1.0000	0.4624	0.4201	6.2166	2.6494
1965	0.4433	0.4624	1.0000	0.5359	7.3470	2.4520
1967	0.4334	0.4201	0.5359	1.0000	8.6162	2.5103

HS F.ED.

NUMBER OF OBSERVATIONS IS 915

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6189	0.5203	0.5164	6.8896	3.1173
1963	0.6189	1.0000	0.5099	0.5364	6.5617	2.9349
1965	0.5203	0.5099	1.0000	0.5965	7.6940	2.4527
1967	0.5164	0.5364	0.5965	1.0000	8.9607	2.5078

TGI SCALE D, BIOLOGICAL SCIENCE

TABLE 312

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1180

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6069	0.4991	0.4929	8.2136	3.1435
1963	0.6069	1.0000	0.5291	0.5218	7.6958	2.8930
1965	0.4991	0.5291	1.0000	0.6083	8.6449	2.3481
1967	0.4929	0.5218	0.6083	1.0000	9.8746	2.4026

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4676	0.2993	0.5172	3.9346	2.3572
1963	0.4676	1.0000	0.3834	0.5301	4.4673	2.3255
1965	0.2993	0.3834	1.0000	0.5650	4.9065	2.1769
1967	0.5172	0.5301	0.5650	1.0000	6.2056	2.2496

BLACK

NUMBER OF OBSERVATIONS IS 514

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5088	0.4210	0.4180	4.4572	2.5175
1963	0.5088	1.0000	0.4198	0.4284	4.7840	2.4099
1965	0.4210	0.4198	1.0000	0.5459	5.7023	2.2942
1967	0.4180	0.4284	0.5459	1.0000	6.9105	2.4423

WHITE

NUMBER OF OBSERVATIONS IS 2848

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5927	0.4737	0.4669	7.5393	3.0976
1963	0.5927	1.0000	0.4921	0.4938	7.1352	2.8562
1965	0.4737	0.4921	1.0000	0.5639	8.2135	2.3656
1967	0.4669	0.4938	0.5639	1.0000	9.4709	2.4135

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3543

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6260	0.5383	0.5332	6.9890	3.2221
1963	0.6260	1.0000	0.5422	0.5425	6.7048	2.9285
1965	0.5383	0.5422	1.0000	0.6211	7.7505	2.5446
1967	0.5332	0.5425	0.6211	1.0000	9.0000	2.6048

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5737	0.5261	0.5469	5.5193	3.0185
1963	0.5737	1.0000	0.5571	0.5373	5.3867	2.8097
1965	0.5261	0.5571	1.0000	0.5606	6.2818	2.5103
1967	0.5469	0.5373	0.5606	1.0000	7.5249	2.4821

TGI SCALE E, MUSIC, ART

TABLE 313

ACADEMIC

NUMBER OF OBSERVATIONS IS 1695

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6045	0.6163	0.6097	6.8319	2.9406
1963	0.6045	1.0000	0.6178	0.5859	6.8903	2.6813
1965	0.6163	0.6178	1.0000	0.7307	7.8195	2.9354
1967	0.6097	0.5859	0.7307	1.0000	9.3027	2.9481

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1666

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4835	0.4797	0.4643	4.6405	2.3578
1963	0.4835	1.0000	0.4766	0.4955	4.8812	2.3277
1965	0.4797	0.4766	1.0000	0.6485	5.4418	2.4899
1967	0.4643	0.4955	0.6485	1.0000	6.6399	2.8331

365

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5945	0.6170	0.6105	5.5399	2.8369
1963	0.5945	1.0000	0.5952	0.5991	5.7466	2.6297
1965	0.6170	0.5952	1.0000	0.7357	6.7007	2.9169
1967	0.6105	0.5991	0.7357	1.0000	7.9885	3.1864

FEMALES

NUMBER OF OBSERVATIONS IS 2003

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6286	0.6264	0.6138	5.8457	2.8917
1963	0.6286	1.0000	0.6457	0.6267	5.9790	2.7492
1965	0.6264	0.6457	1.0000	0.7494	6.5287	3.0234
1967	0.6138	0.6267	0.7494	1.0000	7.9196	3.2052

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5276	0.5167	0.5296	4.9558	2.4811
1963	0.5276	1.0000	0.5151	0.4908	5.2892	2.3441
1965	0.5167	0.5151	1.0000	0.6780	5.7539	2.6165
1967	0.5296	0.4908	0.6780	1.0000	6.9727	2.9169

HS F.ED.

NUMBER OF OBSERVATIONS IS 914

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5855	0.5801	0.5792	5.4606	2.7565
1963	0.5855	1.0000	0.5642	0.5841	5.5711	2.6129
1965	0.5801	0.5642	1.0000	0.7099	6.4519	2.7825
1967	0.5792	0.5841	0.7099	1.0000	7.7965	3.0211

TGI SCALE E, MUSIC, ART

TABLE 314

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1180

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6049	0.6468	0.6100	6.9229	2.9690
1963	0.6049	1.0000	0.6312	0.6125	6.9042	2.7618
1965	0.6468	0.6312	1.0000	0.7303	7.8797	2.9263
1967	0.6100	0.6125	0.7303	1.0000	9.3458	2.9298

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4775	0.4088	0.3227	3.3551	1.7943
1963	0.4775	1.0000	0.5703	0.5134	3.4766	2.0386
1965	0.4088	0.5703	1.0000	0.6061	3.7009	2.1322
1967	0.3227	0.5134	0.6061	1.0000	4.6168	2.4785

BLACK

NUMBER OF OBSERVATIONS IS 513

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3950	0.4659	0.4417	3.6140	1.9772
1963	0.3950	1.0000	0.4627	0.4097	3.9181	2.1460
1965	0.4659	0.4627	1.0000	0.6110	4.4386	2.3230
1967	0.4417	0.4097	0.6110	1.0000	5.2690	2.6346

WHITE

NUMBER OF OBSERVATIONS IS 2848

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5956	0.5998	0.5837	6.1296	2.8540
1963	0.5956	1.0000	0.5972	0.5869	6.2504	2.6418
1965	0.5998	0.5972	1.0000	0.7252	7.0376	2.9017
1967	0.5837	0.5869	0.7252	1.0000	8.4716	3.0239

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3542

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6161	0.6258	0.6166	5.6753	2.8787
1963	0.6161	1.0000	0.6256	0.6156	5.8492	2.7164
1965	0.6258	0.6256	1.0000	0.7473	6.5782	2.9874
1967	0.6166	0.6156	0.7473	1.0000	7.9088	3.2016

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5355	0.5139	0.5320	4.3702	2.4361
1963	0.5355	1.0000	0.6140	0.5883	5.0110	2.7791
1965	0.5139	0.6140	1.0000	0.7625	5.4144	3.0374
1967	0.5320	0.5883	0.7625	1.0000	6.5359	3.2271

TGI SCALE F, HISTORY, LITERATURE

TABLE 315

ACADEMIC

NUMBER OF OBSERVATIONS IS 1695

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6189	0.5625	0.5521	7.6726	2.8937
1963	0.6189	1.0000	0.6014	0.5650	8.1481	2.7223
1965	0.5625	0.6014	1.0000	0.6480	8.3186	2.5558
1967	0.5521	0.5650	0.6480	1.0000	9.8201	2.6369

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1666

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5372	0.4443	0.4604	5.5204	2.4850
1963	0.5372	1.0000	0.4921	0.5299	5.7983	2.5227
1965	0.4443	0.4921	1.0000	0.5921	6.0096	2.3087
1967	0.4604	0.5299	0.5921	1.0000	7.0816	2.6215

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6553	0.6290	0.6179	6.8519	2.9734
1963	0.6553	1.0000	0.6484	0.6432	7.2368	2.9744
1965	0.6290	0.6484	1.0000	0.7308	7.5144	2.7998
1967	0.6179	0.6432	0.7308	1.0000	8.7524	3.0853

FEMALES

NUMBER OF OBSERVATIONS IS 2003

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6222	0.5320	0.5529	6.3600	2.8094
1963	0.6222	1.0000	0.6054	0.6116	6.7189	2.7584
1965	0.5320	0.6054	1.0000	0.6519	6.8328	2.5577
1967	0.5529	0.6116	0.6519	1.0000	8.1633	2.8411

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5724	0.4862	0.4961	5.9180	2.6558
1963	0.5724	1.0000	0.5473	0.5518	6.1882	2.7226
1965	0.4862	0.5473	1.0000	0.6234	6.4427	2.4816
1967	0.4961	0.5518	0.6234	1.0000	7.5373	2.7309

HS F.ED.

NUMBER OF OBSERVATIONS IS 914

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6362	0.5802	0.5554	6.4201	2.8239
1963	0.6362	1.0000	0.5915	0.6000	6.7998	2.7639
1965	0.5802	0.5915	1.0000	0.6715	7.0460	2.6221
1967	0.5554	0.6000	0.6715	1.0000	8.3621	2.8445

TGI SCALE F, HISTORY, LITERATURE

TABLE 316

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1180

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6439	0.5828	0.5906	7.6297	2.9130
1963	0.6439	1.0000	0.6234	0.6167	8.0915	2.7645
1965	0.5828	0.6234	1.0000	0.6823	8.2085	2.6127
1967	0.5906	0.6167	0.6823	1.0000	9.6805	2.7294

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3061	0.3571	0.3859	4.0093	1.9741
1963	0.3061	1.0000	0.4794	0.5153	4.6355	2.2481
1965	0.3571	0.4794	1.0000	0.6024	4.7664	2.0715
1967	0.3859	0.5153	0.6024	1.0000	5.4766	2.8526

BLACK

NUMBER OF OBSERVATIONS IS 513

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4267	0.4303	0.4358	4.4522	2.1867
1963	0.4267	1.0000	0.5096	0.4849	5.0000	2.3479
1965	0.4303	0.5096	1.0000	0.5970	5.2164	2.3199
1967	0.4358	0.4849	0.5970	1.0000	6.2281	2.7637

WHITE

NUMBER OF OBSERVATIONS IS 2848

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6308	0.5580	0.5612	6.9937	2.8487
1963	0.6308	1.0000	0.6051	0.6118	7.3406	2.8166
1965	0.5580	0.6051	1.0000	0.6730	7.5267	2.6066
1967	0.5612	0.6118	0.6730	1.0000	8.8652	2.8166

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3542

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6416	0.5905	0.5966	6.5257	2.9128
1963	0.6416	1.0000	0.6326	0.6327	6.9534	2.8809
1965	0.5905	0.6326	1.0000	0.6984	7.1186	2.7118
1967	0.5966	0.6327	0.6984	1.0000	8.3803	2.9908

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5667	0.5665	0.6053	5.0387	2.6350
1963	0.5667	1.0000	0.6593	0.6360	6.3978	2.9125
1965	0.5665	0.6593	1.0000	0.6958	6.0884	2.7956
1967	0.6053	0.6360	0.6958	1.0000	6.8508	3.0656

TGI SCALE G, RECREATION, ENTERTAINMENT

TABLE 317

ACADEMIC

NUMBER OF OBSERVATIONS IS 1695

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5938	0.5584	0.5511	7.5546	2.7716
1963	0.5938	1.0000	0.5759	0.5682	7.7794	2.7021
1965	0.5584	0.5759	1.0000	0.7245	7.6903	2.6974
1967	0.5511	0.5682	0.7245	1.0000	9.3522	2.6886

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1666

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5297	0.4834	0.5093	5.5726	2.5559
1963	0.5297	1.0000	0.5109	0.5150	5.7377	2.5050
1965	0.4834	0.5109	1.0000	0.6625	5.3860	2.5149
1967	0.5093	0.5150	0.6625	1.0000	6.7707	2.8374

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6589	0.6081	0.6068	6.8385	2.9796
1963	0.6589	1.0000	0.6188	0.6164	7.1800	2.8979
1965	0.6081	0.6188	1.0000	0.7351	6.9917	2.8276
1967	0.6068	0.6164	0.7351	1.0000	8.5948	2.9295

FEMALES

NUMBER OF OBSERVATIONS IS 2003

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5621	0.5578	0.5775	6.3150	2.6753
1963	0.5621	1.0000	0.5860	0.5825	6.3769	2.6508
1965	0.5578	0.5860	1.0000	0.7386	6.1343	2.8088
1967	0.5775	0.5825	0.7386	1.0000	7.6106	3.0682

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6006	0.5093	0.5303	5.8191	2.6604
1963	0.6006	1.0000	0.5521	0.5373	6.1441	2.6502
1965	0.5093	0.5521	1.0000	0.6703	5.7024	2.6181
1967	0.5303	0.5373	0.6703	1.0000	7.1283	2.9145

HS F.ED.

NUMBER OF OBSERVATIONS IS 914

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5999	0.5515	0.5792	6.4289	2.8307
1963	0.5999	1.0000	0.5846	0.6056	6.6007	2.7913
1965	0.5515	0.5846	1.0000	0.7459	6.4103	2.8275
1967	0.5792	0.6056	0.7459	1.0000	7.9212	2.9957

TGI SCALE G. RECREATION, ENTERTAINMENT

TABLE 316

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1180

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5793	0.5862	0.5589	7.6102	2.7338
1963	0.5793	1.0000	0.5868	0.5849	7.7534	2.6379
1965	0.5862	0.5868	1.0000	0.7256	7.6881	2.6686
1967	0.5589	0.5849	0.7256	1.0000	9.3051	2.7328

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3785	0.3063	0.3943	3.9533	2.1197
1963	0.3785	1.0000	0.4590	0.4240	4.1215	2.2783
1965	0.3063	0.4590	1.0000	0.6582	3.9159	2.1097
1967	0.3943	0.4240	0.6582	1.0000	5.1682	2.5813

BLACK

NUMBER OF OBSERVATIONS IS 513

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4043	0.3620	0.3699	4.3314	2.1610
1963	0.4043	1.0000	0.4483	0.4278	4.5634	2.2720
1965	0.3620	0.4483	1.0000	0.6255	4.2982	2.3058
1967	0.3699	0.4278	0.6255	1.0000	5.4620	2.6400

WHITE

NUMBER OF OBSERVATIONS IS 2848

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5920	0.5594	0.5647	6.9758	2.7647
1963	0.5920	1.0000	0.5783	0.5755	7.1643	2.6988
1965	0.5594	0.5783	1.0000	0.7222	6.9533	2.7501
1967	0.5647	0.5755	0.7222	1.0000	8.5428	2.8764

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3542

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6224	0.5930	0.5978	6.4842	2.8583
1963	0.6224	1.0000	0.6200	0.6150	6.6942	2.8140
1965	0.5930	0.6200	1.0000	0.7479	6.4896	2.8578
1967	0.5978	0.6150	0.7479	1.0000	8.0116	3.0635

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5593	0.5623	0.5317	4.8508	2.6015
1963	0.5593	1.0000	0.6940	0.6258	5.3370	2.7456
1965	0.5623	0.6940	1.0000	0.7646	5.4033	2.7528
1967	0.5317	0.6258	0.7646	1.0000	6.8785	3.0946

TGI SCALE H, GOV'T, PUBLIC AFFAIRS

TABLE 319

ACADEMIC

NUMBER OF OBSERVATIONS IS 1695

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6033	0.4724	0.4709	6.7003	2.6465
1963	0.6033	1.0000	0.5030	0.5335	6.2425	2.7874
1965	0.4724	0.5030	1.0000	0.5494	7.7493	2.4253
1967	0.4709	0.5335	0.5494	1.0000	9.0973	2.5218

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1666

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4055	0.3633	0.3535	4.9220	2.0832
1963	0.4055	1.0000	0.3883	0.4160	4.2959	2.2103
1965	0.3633	0.3883	1.0000	0.4922	5.9664	2.2752
1967	0.3535	0.4160	0.4922	1.0000	7.1279	2.3591

MALES

NUMBER OF OBSERVATIONS IS 1567

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6314	0.5735	0.5585	5.9828	2.7477
1963	0.6314	1.0000	0.5730	0.5865	5.5846	2.8424
1965	0.5735	0.5730	1.0000	0.6328	6.9809	2.6310
1967	0.5585	0.5865	0.6328	1.0000	8.2974	2.7755

FEMALES

NUMBER OF OBSERVATIONS IS 2003

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5319	0.4107	0.4194	5.6256	2.3497
1963	0.5319	1.0000	0.4664	0.5071	4.9805	2.5289
1965	0.4107	0.4664	1.0000	0.5407	6.7269	2.4222
1967	0.4194	0.5071	0.5407	1.0000	7.9166	2.5102

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 951

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4940	0.4060	0.3919	5.2355	2.2739
1963	0.4940	1.0000	0.4719	0.4436	4.7213	2.3977
1965	0.4060	0.4719	1.0000	0.5281	6.3070	2.3090
1967	0.3919	0.4436	0.5281	1.0000	7.5499	2.3183

HS F.ED.

NUMBER OF OBSERVATIONS IS 914

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5568	0.4559	0.4778	5.7396	2.5651
1963	0.5568	1.0000	0.4632	0.4966	5.0656	2.6441
1965	0.4559	0.4632	1.0000	0.5095	6.7035	2.4245
1967	0.4778	0.4966	0.5095	1.0000	7.9748	2.5618

TGI SCALE H, GOV'T, PUBLIC AFFAIRS

TABLE 320

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1180

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.6117	0.4972	0.4899	6.6195	2.5826
1963	0.6117	1.0000	0.5124	0.5766	6.1610	2.8046
1965	0.4972	0.5124	1.0000	0.5724	7.7466	2.4521
1967	0.4899	0.5766	0.5724	1.0000	9.0551	2.5798

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 107

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3255	0.3640	0.3772	4.0654	1.6591
1963	0.3255	1.0000	0.4350	0.5206	3.3551	1.9299
1965	0.3640	0.4350	1.0000	0.5639	4.4019	2.0456
1967	0.3772	0.5206	0.5639	1.0000	5.3925	2.5126

BLACK

NUMBER OF OBSERVATIONS IS 513

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.3594	0.3638	0.3696	4.3060	1.8768
1963	0.3594	1.0000	0.3245	0.3472	3.5867	2.0398
1965	0.3638	0.3245	1.0000	0.5230	4.9630	2.2121
1967	0.3696	0.3472	0.5230	1.0000	6.1559	2.3452

WHITE

NUMBER OF OBSERVATIONS IS 2848

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5778	0.4650	0.4647	6.0913	2.5532
1963	0.5778	1.0000	0.4996	0.5337	5.5822	2.6912
1965	0.4650	0.4996	1.0000	0.5416	7.2082	2.4116
1967	0.4647	0.5337	0.5416	1.0000	8.4751	2.5245

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3542

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.5866	0.4952	0.4955	5.7552	2.5445
1963	0.5866	1.0000	0.5257	0.5532	5.2250	2.6907
1965	0.4952	0.5257	1.0000	0.5992	6.8162	2.5410
1967	0.4955	0.5532	0.5992	1.0000	8.0596	2.6707

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 181

	1961	1963	1965	1967	MEAN	S.D.
1961	1.0000	0.4732	0.4037	0.4054	4.5746	2.2401
1963	0.4732	1.0000	0.5302	0.5254	4.2486	2.3148
1965	0.4037	0.5302	1.0000	0.7375	5.9006	2.8247
1967	0.4054	0.5254	0.7375	1.0000	6.9171	3.0699

BEQ SCALE 1

TABLE 321

ACADEMIC

NUMBER OF OBSERVATIONS IS 1575

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7289	0.6560	48.3291	9.8235
1965	0.7289	1.0000	0.8177	48.8201	10.0307
1967	0.6560	0.8177	1.0000	48.9861	9.8528

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1437

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6681	0.6214	50.4520	9.8548
1965	0.6681	1.0000	0.7866	50.4912	9.9767
1967	0.6214	0.7866	1.0000	50.8310	9.9766

MALES

NUMBER OF OBSERVATIONS IS 1401

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5169	0.4320	43.2667	7.1258
1965	0.5169	1.0000	0.5868	41.9096	6.4571
1967	0.4320	0.5868	1.0000	42.1037	6.6885

FEMALES

NUMBER OF OBSERVATIONS IS 1781

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5500	0.4397	54.0722	9.1396
1965	0.5500	1.0000	0.6492	55.6556	7.9404
1967	0.4397	0.6492	1.0000	55.9919	7.5534

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 863

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6764	0.6291	49.8653	10.1678
1965	0.6764	1.0000	0.8017	50.2992	10.2543
1967	0.6291	0.8017	1.0000	50.8236	9.9775

HS F.ED.

NUMBER OF OBSERVATIONS IS 820

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7023	0.6185	49.2551	9.5283
1965	0.7023	1.0000	0.7864	49.4760	9.5812
1967	0.6185	0.7864	1.0000	49.6199	9.7251

BEQ SCALE 1

TABLE 322

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1115

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7284	0.6809	48.8956	9.9092
1965	0.7284	1.0000	0.8231	49.1310	10.2854
1967	0.6809	0.8231	1.0000	49.1613	10.0397

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 44

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6037	0.4938	53.9764	9.3339
1965	0.6037	1.0000	0.7594	52.2175	8.7474
1967	0.4938	0.7594	1.0000	52.7707	9.3098

BLACK

NUMBER OF OBSERVATIONS IS 329

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6060	0.5596	53.6749	9.3769
1965	0.6060	1.0000	0.7600	52.7856	9.7129
1967	0.5596	0.7600	1.0000	52.9936	9.3554

WHITE

NUMBER OF OBSERVATIONS IS 2683

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7083	0.6459	48.8106	9.8265
1965	0.7083	1.0000	0.8066	49.2289	10.0103
1967	0.6459	0.8066	1.0000	49.4828	9.9585

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3761

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6993	0.6385	49.3731	9.9208
1965	0.6993	1.0000	0.7958	49.5208	9.9695
1967	0.6385	0.7958	1.0000	49.8199	9.9111

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 749

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6889	0.6217	49.4984	10.0214
1965	0.6889	1.0000	0.7596	49.1324	9.6725
1967	0.6217	0.7596	1.0000	49.6332	9.7312

REQ SCALE 2

TABLE 323

ACADEMIC

NUMBER OF OBSERVATIONS IS 1573

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7190	0.6493	50.3947	9.5381
1965	0.7190	1.0000	0.7621	50.3815	9.7469
1967	0.6493	0.7621	1.0000	50.7748	10.1025

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1433

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6980	0.6457	48.8783	9.9664
1965	0.6980	1.0000	0.7407	48.4313	9.7012
1967	0.6457	0.7407	1.0000	48.2864	9.5136

MALES

NUMBER OF OBSERVATIONS IS 1398

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6040	0.5131	55.8546	9.1545
1965	0.6040	1.0000	0.6713	56.0206	8.9389
1967	0.5131	0.6713	1.0000	55.8370	9.5777

FEMALES

NUMBER OF OBSERVATIONS IS 1777

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4900	0.4194	44.6315	6.9566
1965	0.4900	1.0000	0.5495	44.1121	6.6695
1967	0.4194	0.5495	1.0000	44.4288	6.6452

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 861

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6973	0.6520	48.7532	9.6364
1965	0.6973	1.0000	0.7544	49.1503	9.6173
1967	0.6520	0.7544	1.0000	49.1389	9.8171

HS F.ED.

NUMBER OF OBSERVATIONS IS 817

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7463	0.6726	49.8211	9.9798
1965	0.7463	1.0000	0.7741	49.1439	9.9092
1967	0.6726	0.7741	1.0000	49.5152	10.0471

BEQ SCALE 2

TABLE 324

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1115

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6957	0.6385	50.5566	9.6942
1965	0.6957	1.0000	0.7468	50.2199	9.8550
1967	0.6385	0.7468	1.0000	50.3580	10.0029

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 44

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7230	0.5051	49.5711	10.5134
1965	0.7230	1.0000	0.6384	48.5502	9.0084
1967	0.5051	0.6384	1.0000	50.1043	8.6584

BLACK

NUMBER OF OBSERVATIONS IS 327

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7027	0.5992	50.6080	10.4438
1965	0.7027	1.0000	0.6786	50.6922	9.3209
1967	0.5992	0.6786	1.0000	51.4473	9.6067

WHITE

NUMBER OF OBSERVATIONS IS 2679

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7118	0.6557	49.5575	9.6829
1965	0.7118	1.0000	0.7628	49.3004	9.8169
1967	0.6557	0.7628	1.0000	49.3616	9.9164

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3755

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.7082	0.6429	49.7018	9.8067
1965	0.7082	1.0000	0.7480	49.4601	9.8409
1967	0.6429	0.7480	1.0000	49.6259	9.9034

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 749

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6990	0.6172	49.8220	9.9360
1965	0.6990	1.0000	0.7217	49.4935	10.1058
1967	0.6172	0.7217	1.0000	49.7757	9.8980

BEQ SCALE 3

TABLE 325

ACADEMIC

NUMBER OF OBSERVATIONS IS 1573

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4650	0.3505	49.1900	9.2230
1965	0.4650	1.0000	0.5406	49.2099	9.1332
1967	0.3505	0.5406	1.0000	49.1725	9.2676

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1433

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4404	0.3749	49.5613	9.6997
1965	0.4404	1.0000	0.5270	49.8155	9.6337
1967	0.3749	0.5270	1.0000	50.2831	10.1965

MALES

NUMBER OF OBSERVATIONS IS 1398

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4540	0.3570	50.0405	9.4088
1965	0.4540	1.0000	0.5467	49.9104	9.6287
1967	0.3570	0.5467	1.0000	50.1919	10.1387

FEMALES

NUMBER OF OBSERVATIONS IS 1777

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4489	0.3682	48.8500	9.4817
1965	0.4489	1.0000	0.5128	48.9998	9.1298
1967	0.3682	0.5128	1.0000	49.1638	9.4526

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 861

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4787	0.3317	48.9740	10.1568
1965	0.4787	1.0000	0.5469	49.9390	9.7475
1967	0.3317	0.5469	1.0000	50.3204	9.9304

HS F.ED.

NUMBER OF OBSERVATIONS IS 817

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4391	0.3418	49.6386	9.3519
1965	0.4391	1.0000	0.5127	49.9415	9.4043
1967	0.3418	0.5127	1.0000	50.0025	9.7198

BEQ SCALE 3

TABLE 326

COLL F.ED.,

NUMBER OF OBSERVATIONS IS 1115

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4515	0.3937	49.3307	8.8520
1965	0.4515	1.0000	0.5572	49.0551	9.0507
1967	0.3937	0.5572	1.0000	49.0575	9.3685

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 44

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2827	0.5994	52.4225	10.2129
1965	0.2827	1.0000	0.3794	50.9566	10.1331
1967	0.5994	0.3794	1.0000	54.5136	10.5074

BLACK

NUMBER OF OBSERVATIONS IS 327

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4600	0.3601	52.0527	10.7928
1965	0.4600	1.0000	0.5321	53.4461	11.0648
1967	0.3601	0.5321	1.0000	54.7331	11.3867

WHITE

NUMBER OF OBSERVATIONS IS 2679

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4429	0.3518	49.0392	9.2252
1965	0.4429	1.0000	0.5199	49.0168	9.0358
1967	0.3518	0.5199	1.0000	49.0878	9.3325

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3754

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4602	0.3676	49.3687	9.5934
1965	0.4602	1.0000	0.5352	49.3410	9.5555
1967	0.3676	0.5352	1.0000	49.5365	9.8189

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 748

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4864	0.3840	49.3755	10.1302
1965	0.4864	1.0000	0.5370	48.7078	10.2061
1967	0.3840	0.5370	1.0000	48.8717	10.1128

BEQ SCALE 4

TABLE 327

ACADEMIC

NUMBER OF OBSERVATIONS IS 1571

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5463	0.4398	53.7188	9.8621
1965	0.5463	1.0000	0.6192	55.4838	9.4745
1967	0.4398	0.6192	1.0000	55.0733	9.3788

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1431

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4138	0.3647	47.5636	9.1281
1965	0.4138	1.0000	0.5421	47.5421	8.6303
1967	0.3647	0.5421	1.0000	46.4670	8.6842

MALES

NUMBER OF OBSERVATIONS IS 1395

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5510	0.4995	50.9378	9.7438
1965	0.5510	1.0000	0.6506	51.6050	9.9544
1967	0.4995	0.6506	1.0000	50.0033	10.0061

FEMALES

NUMBER OF OBSERVATIONS IS 1774

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5514	0.4774	50.3677	10.1401
1965	0.5514	1.0000	0.6679	51.3998	9.9211
1967	0.4774	0.6679	1.0000	51.3304	10.0472

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 861

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4691	0.4103	47.6286	8.9111
1965	0.4691	1.0000	0.5978	48.4158	8.5944
1967	0.4103	0.5978	1.0000	47.5735	9.0412

HS F.ED.

NUMBER OF OBSERVATIONS IS 817

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4796	0.4033	50.1699	9.9429
1965	0.4796	1.0000	0.6108	50.6252	9.5989
1967	0.4033	0.6108	1.0000	50.2864	9.7315

BEQ SCALE 4

TABLE 328

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1113

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5286	0.4483	54.2949	9.9171
1965	0.5286	1.0000	0.6204	55.8629	9.6063
1967	0.4483	0.6204	1.0000	54.9242	9.5523

O.K. F.ED.

NUMBER OF OBSERVATIONS IS 44

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6863	0.6375	47.1318	9.3316
1965	0.6863	1.0000	0.7638	45.4873	9.3665
1967	0.6375	0.7638	1.0000	46.3325	10.5471

BLACK

NUMBER OF OBSERVATIONS IS 327

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4091	0.3727	48.1967	9.7250
1965	0.4091	1.0000	0.5726	48.1543	9.1108
1967	0.3727	0.5726	1.0000	48.2549	9.4900

WHITE

NUMBER OF OBSERVATIONS IS 2675

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5593	0.4889	51.1011	9.9910
1965	0.5593	1.0000	0.6612	52.1314	9.9171
1967	0.4889	0.6612	1.0000	51.3028	10.0358

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3746

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5491	0.4814	50.6555	9.9976
1965	0.5491	1.0000	0.6563	51.4457	10.0449
1967	0.4814	0.6563	1.0000	50.7293	10.0795

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 744

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5476	0.4784	50.1342	9.9571
1965	0.5476	1.0000	0.6518	50.4268	10.5094
1967	0.4784	0.6518	1.0000	49.7551	10.2473

BEQ SCALE 5

TABLE 329

ACADEMIC

NUMBER OF OBSERVATIONS IS 1493

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3701	0.3171	51.4035	9.4196
1965	0.3701	1.0000	0.4731	52.0097	9.0609
1967	0.3171	0.4731	1.0000	52.2415	9.3767

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1320

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3021	0.2452	49.4220	10.1104
1965	0.3021	1.0000	0.4383	49.0431	9.8184
1967	0.2452	0.4383	1.0000	48.1949	9.8775

MALES

NUMBER OF OBSERVATIONS IS 1297

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3276	0.2981	49.9121	9.7860
1965	0.3276	1.0000	0.4414	49.9557	9.7864
1967	0.2981	0.4414	1.0000	49.3358	10.3149

FEMALES

NUMBER OF OBSERVATIONS IS 1670

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3568	0.2838	50.6692	9.8808
1965	0.3568	1.0000	0.4952	50.8422	9.3506
1967	0.2838	0.4952	1.0000	50.8636	9.4134

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 804

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3355	0.2469	49.8747	9.8809
1965	0.3355	1.0000	0.4802	49.9461	10.0675
1967	0.2469	0.4802	1.0000	48.9237	9.9947

HS F.ED.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3691	0.3006	50.2043	9.9160
1965	0.3691	1.0000	0.4633	50.4151	9.4774
1967	0.3006	0.4633	1.0000	50.2680	9.8274

BEQ SCALE 5

TABLE 330

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1062

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3403	0.3100	51.5765	9.3405
1965	0.3403	1.0000	0.4593	51.8060	8.9976
1967	0.3100	0.4593	1.0000	51.9729	9.3690

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.0191	0.4499	48.2539	11.8930
1965	0.0191	1.0000	0.4599	48.3624	9.9049
1967	0.4499	0.4599	1.0000	47.7555	10.4548

BLACK

NUMBER OF OBSERVATIONS IS 289

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2768	0.2761	51.5733	11.7511
1965	0.2768	1.0000	0.4257	51.1737	9.5656
1967	0.2761	0.4257	1.0000	50.5236	10.6594

WHITE

NUMBER OF OBSERVATIONS IS 2524

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3557	0.2975	50.3478	9.5430
1965	0.3557	1.0000	0.4784	50.5540	9.5345
1967	0.2975	0.4784	1.0000	50.3219	9.7244

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3504

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3433	0.2785	50.3929	9.8111
1965	0.3433	1.0000	0.4687	50.5169	9.6384
1967	0.2785	0.4687	1.0000	50.2180	9.8036

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 691

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3340	0.2116	50.0640	9.8499
1965	0.3340	1.0000	0.4540	50.1068	10.0202
1967	0.2116	0.4540	1.0000	49.7105	9.7007

TABLE 331

BEQ SCALE 6

ACADEMIC

NUMBER OF OBSERVATIONS IS 1492

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2176	0.1079	53.0933	8.4270
1965	0.2176	1.0000	0.4063	54.1047	7.8948
1967	0.1079	0.4063	1.0000	53.7267	8.0244

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1320

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3042	0.1537	49.8122	9.7201
1965	0.3042	1.0000	0.3461	49.1793	9.6380
1967	0.1537	0.3461	1.0000	46.9108	9.9819

MALES

NUMBER OF OBSERVATIONS IS 1296

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2983	0.1938	50.9588	9.5242
1965	0.2983	1.0000	0.4446	51.7775	9.1027
1967	0.1938	0.4446	1.0000	51.0864	9.3748

FEMALES

NUMBER OF OBSERVATIONS IS 1670

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3012	0.1820	51.8438	9.0334
1965	0.3012	1.0000	0.4299	51.5925	9.1405
1967	0.1820	0.4299	1.0000	49.8160	9.8256

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 803

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3062	0.1599	49.9239	9.7190
1965	0.3062	1.0000	0.3732	49.7024	9.7232
1967	0.1599	0.3732	1.0000	48.4821	10.1492

HS F.ED.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2704	0.1514	50.7511	9.4885
1965	0.2704	1.0000	0.4242	51.6271	9.2640
1967	0.1514	0.4242	1.0000	50.1305	9.8563

BEQ SCALE 6

TABLE 332

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1062

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2373	0.1534	53.7409	7.9382
1965	0.2373	1.0000	0.4047	53.8828	7.8897
1967	0.1534	0.4047	1.0000	52.8265	8.4250

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3931	0.3756	48.2676	9.0655
1965	0.3931	1.0000	0.5657	50.1510	9.0735
1967	0.3756	0.5657	1.0000	49.5471	9.3366

BLACK

NUMBER OF OBSERVATIONS IS 289

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3746	0.2500	50.0518	10.0208
1965	0.3746	1.0000	0.4435	50.3508	10.3873
1967	0.2500	0.4435	1.0000	50.5245	10.5547

WHITE

NUMBER OF OBSERVATIONS IS 2523

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2863	0.1770	51.7251	9.0898
1965	0.2863	1.0000	0.4292	51.9578	8.9200
1967	0.1770	0.4292	1.0000	50.5275	9.5049

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3503

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3004	0.1938	51.2798	9.2747
1965	0.3004	1.0000	0.4242	51.6362	9.1603
1967	0.1938	0.4242	1.0000	50.4825	9.6142

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 691

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2968	0.2249	50.1678	9.4767
1965	0.2968	1.0000	0.3997	50.9995	9.3951
1967	0.2249	0.3997	1.0000	50.3007	9.5962

BEQ SCALE 7

TABLE 333

ACADEMIC

NUMBER OF OBSERVATIONS IS 1492

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6292	0.4999	52.7504	10.5206
1965	0.6292	1.0000	0.6759	53.7146	10.8827
1967	0.4999	0.6759	1.0000	53.8781	10.6514

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1319

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5200	0.4133	48.6899	9.2945
1965	0.5200	1.0000	0.6107	47.5313	8.7523
1967	0.4133	0.6107	1.0000	47.0393	8.3628

MALES

NUMBER OF OBSERVATIONS IS 1296

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5957	0.4552	49.0149	9.4888
1965	0.5957	1.0000	0.6475	49.6352	10.1083
1967	0.4552	0.6475	1.0000	49.5410	10.1493

FEMALES

NUMBER OF OBSERVATIONS IS 1669

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6051	0.5117	52.0321	10.4526
1965	0.6051	1.0000	0.7072	51.4780	10.4147
1967	0.5117	0.7072	1.0000	51.3376	10.1093

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 802

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5568	0.4862	48.5749	9.4433
1965	0.5568	1.0000	0.6601	48.1564	9.6034
1967	0.4862	0.6601	1.0000	47.9136	9.2608

HS F.ED.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5954	0.4289	49.9312	9.5715
1965	0.5954	1.0000	0.6214	49.7982	9.9337
1967	0.4289	0.6214	1.0000	49.5954	9.7345

BEQ SCALE 7

TABLE 334

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1062

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6044	0.4944	53.6342	10.5448
1965	0.6044	1.0000	0.7004	54.0948	10.7801
1967	0.4944	0.7004	1.0000	54.0355	10.6327

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6274	0.2240	49.2589	9.7781
1965	0.6274	1.0000	0.5117	46.3224	8.1199
1967	0.2240	0.5117	1.0000	45.1997	6.3508

BLACK

NUMBER OF OBSERVATIONS IS 289

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5088	0.2905	50.8138	9.5650
1965	0.5088	1.0000	0.5421	49.1618	9.8243
1967	0.2905	0.5421	1.0000	48.9520	9.1340

WHITE

NUMBER OF OBSERVATIONS IS 2522

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6188	0.5176	50.8487	10.2349
1965	0.6188	1.0000	0.6991	51.0025	10.4562
1967	0.5176	0.6991	1.0000	50.8659	10.3315

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3502

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5955	0.4910	50.5480	10.1396
1965	0.5955	1.0000	0.6878	50.5018	10.2774
1967	0.4910	0.6878	1.0000	50.4792	10.2084

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 691

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5322	0.4596	49.3395	9.9320
1965	0.5322	1.0000	0.6927	49.2347	9.6248
1967	0.4596	0.6927	1.0000	49.7062	10.0778

BEQ SCALE 8

TABLE 335

ACADEMIC

NUMBER OF OBSERVATIONS IS 1492

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4546	0.3785	48.8662	9.4089
1965	0.4546	1.0000	0.4897	48.6597	9.4969
1967	0.3785	0.4897	1.0000	49.0309	9.1523

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1319

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4381	0.3597	50.6817	9.9303
1965	0.4381	1.0000	0.5298	51.1893	9.9060
1967	0.3597	0.5298	1.0000	51.7315	9.9999

MALES

NUMBER OF OBSERVATIONS IS 1296

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4219	0.3332	48.0760	9.5585
1965	0.4219	1.0000	0.4804	47.2531	10.0633
1967	0.3332	0.4804	1.0000	48.4604	9.6751

FEMALES

NUMBER OF OBSERVATIONS IS 1669

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4495	0.3807	51.0539	9.6369
1965	0.4495	1.0000	0.5125	51.8625	9.0897
1967	0.3807	0.5125	1.0000	51.7024	9.3886

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 802

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4408	0.3448	49.9649	10.0040
1965	0.4408	1.0000	0.5305	50.5854	9.7133
1967	0.3448	0.5305	1.0000	51.1348	10.0028

HS F.ED.

NUMBER OF OBSERVATIONS IS 755

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4754	0.3879	50.3361	9.6837
1965	0.4754	1.0000	0.5320	50.4827	9.8296
1967	0.3879	0.5320	1.0000	51.1748	9.9825

BEQ SCALE 8

TABLE 336

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1062

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4350	0.3944	48.9654	9.3921
1965	0.4350	1.0000	0.4908	48.7821	9.6060
1967	0.3944	0.4908	1.0000	49.0426	8.9936

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4273	0.2623	50.5937	9.3500
1965	0.4273	1.0000	0.6386	51.2900	9.8305
1967	0.2623	0.6386	1.0000	51.3076	9.7702

BLACK

NUMBER OF OBSERVATIONS IS 289

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4495	0.3940	52.1601	10.2805
1965	0.4495	1.0000	0.5147	52.2093	10.0176
1967	0.3940	0.5147	1.0000	51.9962	10.5746

WHITE

NUMBER OF OBSERVATIONS IS 2522

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4490	0.3710	49.4382	9.5910
1965	0.4490	1.0000	0.5167	49.5759	9.7078
1967	0.3710	0.5167	1.0000	50.1035	9.5235

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3502

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4551	0.3738	49.5509	9.7400
1965	0.4551	1.0000	0.5208	49.7437	9.7661
1967	0.3738	0.5208	1.0000	50.1055	9.7838

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 691

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4623	0.3586	48.8708	9.8741
1965	0.4623	1.0000	0.5289	49.3248	9.7271
1967	0.3586	0.5289	1.0000	49.3220	10.2581

BEQ SCALE 9

TABLE 337

ACADEMIC

NUMBER OF OBSERVATIONS IS 1489

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5894	0.5104	49.8928	9.8020
1965	0.5894	1.0000	0.6315	49.1722	9.5944
1967	0.5104	0.6315	1.0000	49.0611	9.5017

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1314

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6000	0.5195	48.9181	9.5297
1965	0.6000	1.0000	0.6619	48.4482	9.3070
1967	0.5195	0.6619	1.0000	49.0715	9.5702

MALES

NUMBER OF OBSERVATIONS IS 1290

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5250	0.4149	54.0541	11.1557
1965	0.5250	1.0000	0.5451	54.0274	10.7866
1967	0.4149	0.5451	1.0000	54.4313	11.0234

FEMALES

NUMBER OF OBSERVATIONS IS 1667

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4113	0.2992	45.7939	6.2640
1965	0.4113	1.0000	0.4953	44.8686	5.6743
1967	0.2992	0.4953	1.0000	44.8922	5.1836

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 801

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5750	0.5423	48.8547	9.1808
1965	0.5750	1.0000	0.6210	48.5147	9.3557
1967	0.5423	0.6210	1.0000	49.0114	9.2119

HS F.ED.

NUMBER OF OBSERVATIONS IS 751

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6102	0.4804	49.3588	9.3888
1965	0.6102	1.0000	0.6654	48.7680	9.6934
1967	0.4804	0.6654	1.0000	48.9425	9.5275

BEQ SCALE 9

TABLE 338

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1059

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5970	0.5217	50.1134	10.3295
1965	0.5970	1.0000	0.6480	49.0881	9.4255
1967	0.5217	0.6480	1.0000	49.3146	9.8857

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6230	0.3943	47.3221	8.7329
1965	0.6230	1.0000	0.7683	47.2668	8.4724
1967	0.3943	0.7683	1.0000	46.6855	7.0767

BLACK

NUMBER OF OBSERVATIONS IS 288

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4823	0.4907	49.9680	9.4777
1965	0.4823	1.0000	0.5718	48.9066	9.1456
1967	0.4907	0.5718	1.0000	49.3648	9.4393

WHITE

NUMBER OF OBSERVATIONS IS 2515

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.6071	0.5163	49.3750	9.7094
1965	0.6071	1.0000	0.6530	48.8243	9.5038
1967	0.5163	0.6530	1.0000	49.0317	9.5440

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3493

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5902	0.5023	49.3690	9.6586
1965	0.5902	1.0000	0.6406	48.9259	9.4696
1967	0.5023	0.6406	1.0000	49.1706	9.5718

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 690

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.5731	0.4581	49.0971	9.5352
1965	0.5731	1.0000	0.6227	49.3041	9.4682
1967	0.4581	0.6227	1.0000	49.5957	9.7127

BEQ SCALE 10

TABLE 339

ACADEMIC

NUMBER OF OBSERVATIONS IS 1489

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4608	0.3649	49.8629	9.9947
1965	0.4608	1.0000	0.4871	49.9171	9.7134
1967	0.3649	0.4871	1.0000	49.5235	10.0687

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1314

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4032	0.2732	50.3435	9.7225
1965	0.4032	1.0000	0.4331	49.6145	9.7830
1967	0.2732	0.4331	1.0000	49.6456	9.6977

MALES

NUMBER OF OBSERVATIONS IS 1290

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4027	0.2996	51.4813	9.6424
1965	0.4027	1.0000	0.4452	51.4913	9.6838
1967	0.2996	0.4452	1.0000	50.7396	10.3210

FEMALES

NUMBER OF OBSERVATIONS IS 1667

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4431	0.3394	49.0129	10.0246
1965	0.4431	1.0000	0.4600	48.3640	9.6143
1967	0.3394	0.4600	1.0000	48.6671	9.5511

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 801

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3871	0.2908	50.5594	9.9005
1965	0.3871	1.0000	0.4235	50.2546	9.5246
1967	0.2908	0.4235	1.0000	50.3658	9.8028

HS F.ED.

NUMBER OF OBSERVATIONS IS 751

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4184	0.3106	51.0552	9.3467
1965	0.4184	1.0000	0.4535	50.4095	9.5510
1967	0.3106	0.4535	1.0000	50.2349	9.7765

BEQ SCALE 10

TABLE 340

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1059

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4630	0.3327	49.0534	9.9006
1965	0.4630	1.0000	0.4876	49.0235	9.9134
1967	0.3327	0.4876	1.0000	48.4811	9.8646

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 38

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3999	0.1434	49.7645	10.7396
1965	0.3999	1.0000	0.5445	51.7376	10.2130
1967	0.1434	0.5445	1.0000	51.4892	8.0011

BLACK

NUMBER OF OBSERVATIONS IS 288

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3663	0.2993	51.3055	9.2420
1965	0.3663	1.0000	0.4172	51.3533	9.8127
1967	0.2993	0.4172	1.0000	52.5591	9.7750

WHITE

NUMBER OF OBSERVATIONS IS 2515

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4395	0.3235	49.9488	9.9309
1965	0.4395	1.0000	0.4643	49.5945	9.7234
1967	0.3235	0.4643	1.0000	49.2397	9.8533

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3493

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4299	0.3318	49.9753	9.8953
1965	0.4299	1.0000	0.4638	49.6912	9.3657
1967	0.3318	0.4638	1.0000	49.5917	9.9454

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 690

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.4156	0.3654	49.5164	9.9805
1965	0.4156	1.0000	0.4717	49.3497	10.3261
1967	0.3654	0.4717	1.0000	49.6364	10.1407

BEQ SCALE 11

TABLE 341

ACADEMIC

NUMBER OF OBSERVATIONS IS 1483

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3158	0.2536	52.4795	9.5034
1965	0.3158	1.0000	0.4737	53.4010	9.4494
1967	0.2536	0.4737	1.0000	53.2308	9.6120

NON-ACADEMIC

NUMBER OF OBSERVATIONS IS 1306

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2918	0.1997	48.9880	9.6240
1965	0.2918	1.0000	0.4091	49.0861	9.3574
1967	0.1997	0.4091	1.0000	47.8093	9.4475

MALES

NUMBER OF OBSERVATIONS IS 1280

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3230	0.2720	49.2275	10.3949
1965	0.3230	1.0000	0.4490	49.2792	9.9825
1967	0.2720	0.4490	1.0000	47.8078	10.1480

FEMALES

NUMBER OF OBSERVATIONS IS 1662

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3079	0.2175	52.0493	9.0536
1965	0.3079	1.0000	0.4545	52.9264	9.0764
1967	0.2175	0.4545	1.0000	52.7439	9.2268

ELEM F.ED.

NUMBER OF OBSERVATIONS IS 798

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2794	0.1806	48.6821	9.4529
1965	0.2794	1.0000	0.4775	49.3497	9.3492
1967	0.1806	0.4775	1.0000	48.3948	9.2921

HS F.ED.

NUMBER OF OBSERVATIONS IS 747

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3734	0.2787	50.5873	9.4838
1965	0.3734	1.0000	0.4411	50.7374	9.3860
1967	0.2787	0.4411	1.0000	49.8391	9.6237

BEQ SCALE 11

TABLE 342

COLL F.ED.

NUMBER OF OBSERVATIONS IS 1054

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2865	0.2301	52.7871	9.4981
1965	0.2865	1.0000	0.4454	53.5489	9.6400
1967	0.2301	0.4454	1.0000	53.3781	9.8430

D.K. F.ED.

NUMBER OF OBSERVATIONS IS 37

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2295	0.2824	49.1608	11.6107
1965	0.2295	1.0000	0.6118	49.6416	9.2123
1967	0.2824	0.6118	1.0000	48.5654	10.7903

BLACK

NUMBER OF OBSERVATIONS IS 285

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2202	0.2135	50.6329	9.5056
1965	0.2202	1.0000	0.4821	50.2865	9.9068
1967	0.2135	0.4821	1.0000	49.4066	9.5484

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WHITE

NUMBER OF OBSERVATIONS IS 2504

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3449	0.2705	50.8686	9.7410
1965	0.3449	1.0000	0.4758	51.5050	9.6121
1967	0.2705	0.4758	1.0000	50.8384	9.9417

TOTAL SAMPLE

NUMBER OF OBSERVATIONS IS 3476

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.3214	0.2556	50.7922	9.6889
1965	0.3214	1.0000	0.4883	51.1984	9.7455
1967	0.2556	0.4883	1.0000	50.4907	10.0051

NOT IN SAMPLE

NUMBER OF OBSERVATIONS IS 687

	1963	1965	1967	MEAN	S.D.
1963	1.0000	0.2794	0.2175	50.5799	9.5691
1965	0.2794	1.0000	0.5261	50.4592	10.0913
1967	0.2175	0.5261	1.0000	49.6730	10.3356